

This Old House

EASY
KITCHEN
MAKEOVERS
p. 76

74 thrifty upgrades

17 KITCHEN MUST-HAVES

19 BATH IDEAS

38 PRODUCT PICKS

INSIDE

Face-lifts for
an aging fridge

Cottage-style
dining room

Quick fixes
for curb appeal

PLUS:
10 foolproof
perennials

MAY 2015
THISOLDDHOUSE.COM



For people with a higher risk of stroke due to
Atrial Fibrillation (AFib) not caused by a heart valve problem



ELIQUIS® (apixaban) is a prescription medicine used to reduce the risk of stroke and blood clots in people who have atrial fibrillation, a type of irregular heartbeat, not caused by a heart valve problem.

IMPORTANT SAFETY INFORMATION:

- Do not stop taking ELIQUIS for atrial fibrillation without talking to the doctor who prescribed it for you. Stopping ELIQUIS increases your risk of having a stroke. ELIQUIS may need to be stopped, prior to surgery or a medical or dental procedure. Your doctor will tell you when you should stop taking ELIQUIS and when you may start taking again. If you have to stop taking ELIQUIS, your doctor may prescribe another medicine to help prevent a blood clot from forming.
- ELIQUIS can cause bleeding, which can be serious, and rarely may lead to death.
- You may have a higher risk of bleeding if you take ELIQUIS and take other medicines that increase your risk of bleeding, such as aspirin, NSAIDs, warfarin (COUMADIN[®]), heparin, SSRI's and SNRI's, and other blood thinners. Tell your doctor about all medicines, vitamins and supplements you take. While taking ELIQUIS, you may bruise more easily and it may take longer than usual for any bleeding to stop.

I was taking warfarin.
But ELIQUIS was a better find.

I TAKE ELIQUIS[®] (apixaban) FOR 3 GOOD REASONS:

- 1 ELIQUIS reduced the risk of stroke better than warfarin.
- 2 ELIQUIS had less major bleeding than warfarin.
- 3 Unlike warfarin, there's no routine blood testing.

ELIQUIS and other blood thinners increase the risk of bleeding which can be serious, and rarely may lead to death.

Ask your doctor if ELIQUIS is right for you.

This risk is higher if an epidural catheter is placed in your back to give you certain medicine, you take NSAIDs or blood thinners, you have a history of difficult or repeated epidural or spinal punctures. Tell your doctor right away if you have tingling, numbness, or muscle weakness, especially in your legs and feet.

▪ Before you take ELIQUIS, tell your doctor if you have kidney or liver problems, any other medical condition, or ever had bleeding problems. Tell your doctor if you are pregnant or breastfeeding, or plan to become pregnant or breastfeed.

▪ Do not take ELIQUIS if you currently have certain types of abnormal bleeding or have had a serious allergic reaction to ELIQUIS. A reaction to ELIQUIS can cause hives, rash, itching, and possibly trouble breathing. Get medical help right away if you have sudden chest pain or chest tightness, have sudden swelling of your face or tongue, have trouble breathing, wheezing, or feeling dizzy or faint.

You are encouraged to report negative side effects of prescription drugs to the FDA. Visit www.fda.gov/medwatch, or call 1-800-FDA-1088.

Please see additional
Important Product Information
on the adjacent page.

Individual results may vary.

Visit ELIQUIS.COM
or call 1-855-ELIQUIS

©2014 Pfizer Alpharma LLC Company
40000-4000-000-00-00-00



Eliquis.
apixaban tablets 5mg

IMPORTANT FACTS about ELIQUIS® (apixaban) tablets

The information below does not take the place of talking with your healthcare professional. The specific risks of your condition and how Eliquis may fit into your overall therapy. Talk to your healthcare professional if you have any questions about Eliquis (apixaban) tablets.

What is the most important information I should know about Eliquis® (apixaban) tablets?

The most important thing to know about Eliquis® (apixaban) tablets is that it can cause bleeding which can be serious, and easily stopped by blood. This is because Eliquis® is a blood thinner medicine that reduces blood clotting.

You may have a higher risk of bleeding if you take Eliquis® and other medicines that reduce blood clotting such as aspirin or nonsteroidal anti-inflammatory drugs (NSAIDs), warfarin or COUMADIN®, heparin, selective serotonin reuptake inhibitors (SSRIs), or serotonin-norepinephrine reuptake inhibitors (SNRIs), and other medicines that prevent platelet clumping.

Tell your doctor if you take any of these medicines. And your doctor or pharmacist will tell you if there is a safe way to use your medicine or one listed above.

What is Eliquis®?

Eliquis® is a medicine used to:

- reduce the risk of stroke and blood clots in people who have had heart problems.

- reduce the risk of having a blood clot in the legs and lungs of people who have just had major (non-surgical) surgery.

- reduce blood clots in the veins of your legs (deep vein thrombosis) lung (pulmonary embolism), and reduce the risk of them occurring again.

It is not known if Eliquis® is safe and effective in children.

Who should not take Eliquis®?

Do not take Eliquis® if you:

- concurrently have certain types of abnormal bleeding.

- have had a serious allergic reaction to Eliquis®. Any doctor or pharmacist who prescribes Eliquis® should ask if you have ever had a reaction to it.

What should I tell my doctor before taking Eliquis®?

Before you take Eliquis®, tell your doctor if you:

- have kidney or liver problems.
- have any other medical conditions.

- have ever had bleeding problems.
- are pregnant or plan to become pregnant.

- are breast-feeding or plan to breastfeed.
- are not breast-feeding but still have your uterus (uterus).

- have uncontrolled pain, swelling, or pain in your joints.

- have headaches, feeling dizzy or weak.

Eliquis® is not for patients with artificial heart valves.

Stroke or embolic blood clots (thromboembolism)

People who take a blood thinner medicine such as Eliquis® and have medical conditions such as atrial fibrillation or房颤, may have a higher risk of stroke or embolic blood clots. If you have any surgery, medical or dental procedure, tell all your doctors and dentists that you are taking Eliquis®. They should talk to the doctor about whether you need to take a blood thinner medicine such as Eliquis® or warfarin to prevent stroke or embolic blood clots. If you have any surgery, medical or dental procedure,

forming a blood clot that can cause long-term damage to your body, loss of the ability to move (paralysis), and even death. Atrial fibrillation is a rapid, irregular heart beat that is higher than normal.

- this type of clot is called a pulmonary embolism. It is placed in your lungs to give you certain medicines.
- you take Eliquis® as a medicine to prevent blood from clotting.

- you have a history of difficult or repeated surgical or dental procedures.

- you have a history of problems with your heart, lungs, kidneys, or liver.

- you take Eliquis®. Take aspirin and acetaminophen (Tylenol®) or ibuprofen (Advil® or Motrin®) unless your doctor tells you to.

- if you have a history of stroke, heart attack, or bleeding.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.

- if you have a history of stroke or heart attack.

- if you have a history of bleeding.

- if you have a history of heart failure.

- if you have a history of kidney or liver problems.

- if you have a history of bleeding.
</

Saving People Money Since 1936

... that's before there
were color TVs.

GEICO has been serving up great car insurance and fantastic customer service for more than 75 years. Get a quote and see how much you could save today.

geico.com | 1-800-947-AUTO | local office

GEICO



This is a color bar.
Used by some cameras.
Not used by most.

Contents

THIS OLD HOUSE MAY 2013

Kitchen and bath special

- 29 **before + after:**
kitchen A long-pending
10-plus-year kitchen project
has finally paid off thanks to this
- 35 **before + after:**
bath An honored-by-a-walk-around
renovation gets a new spa-like
look with tiled surround
- 40 **fresh finds:** four
fixes From the latest
in new products to
- 70 **your kitchen must-
haves for less** Six tips to help you design
on a budget
- 64 **19 budget-smart
bath updates** Harness
your bath's personality with
these savvy suggestions

Idea file

- 57 **Photoshop redo**
Top 10 photo editing
tricks to give your Colorful
character illustrations life
- 68 **rooms at the top**
Six steps to create an
Amenity Room sign-off
watercolor painting for magazine
- 88 **four-season star**
A year-round update on garden
patios can be decided down
throughout the year



Cover Photo © iStockphoto.com/ALLEN RABINS
Rising by RACHEL O'LEARY



29
BEFORE + AFTER:
KITCHEN



35
BEFORE + AFTER:
BATH

Contents

THIS OLD HOUSE MAY 2015



Watch videos and see more photos!

Now on the free The Magazine application. Available on tablets. Available at theoldhouse.com/tablet and on iTunes.



58

Photo © iStockphoto.com
Photo © iStockphoto.com



40
KITCHEN +
BATH
SPECIAL



home solutions

35 **Wall-mounted memo holder** Keep notes from the checkbook to your fridge in a holder that's both efficient, modern, bright, friendly, easy to use, and more.

TOH tv

36 **space for the whole family** A round-up on finding an addition-to-a garage-like something for everyone.

upgrades

43 **landscaping** Two great picks for easy-care perennials that will grow in your garden.

54 **get this look for less** Cottage-chic rooms

how-to projects

49 **paint ideas** How-to-paint a Benjamin Moore board.

63 **weekend remodel** Bring a blank wall to life with a vertical garden.

ask this old house

97 **Q + A** Get tips for replacing vintage hardware, installing paneling, and making matching master closets over headcases—and more.

editors' picks

50 **Smart Ideas**, new products you should know about

93 **Norm's tricks of the trade** Get ready for renovation time, with these 10 secrets.

IN EVERY ISSUE:
8 remodeled
11 checklist
124 directory
125 new old houses



Photo © iStockphoto.com
Photo © iStockphoto.com

GIVE YOUR DECK THE SEAL IT DESERVES.



Thompson's® WaterSeal™ Waterproofing Stain combines stain and sealer together in one with easy-to-choose colors. Exceptional beauty and protection have never been easier.

Major Stores • Home Depot • Lowes • HomeValue • Home Depot • Lowe's • HomeValue



Available at
The Home Depot
More stores

Thompson's
WaterSeal
Waterproofing Stain



©2015 The Thompson Company



Reader mail



A DOG ON THE PORCH, a beloved shade tree—readers' comments on our March 2015 issue recalled what welcomes them home. Others pointed out a safety concern, and lots of you proudly sent pics of the projects you based on our recent DIY Gift Guide.



A brand-new site curated by the pros and editors of **THIS OLD HOUSE, PEOPLE, REAL SIMPLE, and more!**



Photo: Christopher Hall / © 2015 Meredith Corporation. All rights reserved.

Dogged appeal

When I took the March issue out of the mailbox, the first thing I saw was the dog on the cover. Next were the words "Curb appeal ideas that add value". My idea would be a rescued dog in every yard! —TOMAL PHILLIPS, HAMPTON, MD

Tribute to a tree

Re "All About Shade Trees": I have a 70-foot charmer tree that is just magnificent. It bears tiny bloom in spring with panicles of flowers. The birds go mad for it. In summertime, it gives the deepest shade, so no matter how hot it gets, there's a cool place for the dog and me to lounge. In fall, the leaves turn a deep gold that glows in the sun. The leaves are obscenely drop, and it takes me and a handful of rakes and nephews hours to clean them all up, after which we have a bonfire and apple cider. In

winter, its beautiful black shape is outlined in snow, like a poem. What else could give so much joy?

—SUSAN P. VAN HORNE, FACEBOOK

Stair safety

The decor in "Bringing Up the Chairs" unfortunately also bumps up a hazard with the small table placed on the staircase's main landing. That creates a bottleneck and a trip hazard.

—ROBERT LIND, NEWBURY, MASS.

THE EDITORS REPLY: A good point, one that several readers commented on. We'd add that one of the biggest factors in stair safety is attention, so be sensible, use the rail, and be extra careful when carrying anything.

THE EDITORS @ mail TOH_letters@meredith.com

Great picnic gift!

ZOE PHENIX, JR., INVEST READING, MASS.



I just wanted to share a portion of the six packages I made as gifts, following (sort of) the ideas in your recent DIY Gift-Guide (March 2015) issue of This Old House. The presents were very well received, especially when filled! Find all the gift-guide ideas online at thisoldhouse.com/may2015.

6 THISOLDHOUSE.COM MAY 2015

Join the party!
theSnug.com

©2015 T.H. Inc. THE SNUG™ YOUR PLACE. PEOPLE and THE SNUG™ are trademarks of T.H. Inc. All rights reserved. This advertisement is not a contract. Products and services may be subject to change or cancellation without notice. T.H. Inc. is not responsible for any errors or omissions contained in this advertisement. T.H. Inc. is not responsible for any damage or loss resulting from the use of any products or services mentioned in this advertisement. T.H. Inc. is not responsible for any damage or loss resulting from the use of any products or services mentioned in this advertisement.

life is
theorizing
where babies
come
from,

and a memory foam
mattress so you
can sleep...safely.

BULKTÅG king memory foam mattress

\$499

testdrk.com

IKEA

25

AZEK iPAD APP
NOW
AVAILABLE



YOUR DECK, YOUR MASTERPIECE.

Bring your one-of-a-kind expression to life. No matter your vision, the ultimate outdoor living space begins with AZEK Deck. With the rich look of wood and time-tested low maintenance, AZEK Deck lives up to even the wildest deck dreams. Known for its scratch and stain-resistance, an AZEK Deck is an investment that ensures your outdoor space will last. Choose from 16 stunning colors. In addition to our complete line of deck and rail lighting and railing systems, the kinds that you've always wanted! What are you waiting for? Create your masterpiece today at AZEK.com/deckdesigner.



deck | porch | rail | trim | railing | privacy | AZEK.com

*Easy ways to
improve your home
right now*

DECK FIXES

□ **Donate old DIY materials** Take spare supplies to a local recycling center, such as Habitat for Humanity ReStores, to make room for this season's project materials.



□ **Water plants effectively** Water evaporates fastest in the hot afternoon sun—morning soaks are better—and cooler temperatures mean less chance of disease.

□ **Inspect railings** Ensure that railings remain warm to the touch and balanced on building. If railings seem suspect, stop using it and call an insect exterminator away.

□ **Service sliding doors** They're often not easily visible, yet they move—plus, they're a go-to for insects. Use a toothbrush to clear sweep hairs of any remaining dirt.

□ **Show up stainless steel** Stainless surfaces in the direction of the sun will reflect more heat than plain white plastic, thus heating up a deck.

□ **Replace your railing's water filter** It loses effectiveness over time, so be sure to swap it out bi-annually for better grilling H2O.

□ **Attract butterflies** Create a haven for these pretty pollinators with a variety of native flowers and grasses. Nectar-rich blooms in vibrant colors draw adult butterflies, but you'll also need plants for caterpillars to munch on once they hatch. Plants and butterflies vary by region, so visit local butterfly gardens for inspiration. Make sure your refuge also provides other butterfly essentials, including shelter, water, and plenty of sun.



BREATHE EASIER DURING A REMODEL

Don't spring clean as you can. Take a little indoor air quality. Keep irritants at bay by sealing work surfaces with plastic sheeting and setting up a portable fan in a window to help send air outside. Inside, the whooshup: wear protective clothing, a respirator mask, and goggles; remove clothing before leaving to avoid tracking fibers through the house.



□ **Make decks barefoot-friendly** Watch off injuries during barbecue season by checking decks for splinters, broken wood, and peeling rails from previous repairs.

□ **Replace your railing's water filter** It loses effectiveness over time, so be sure to swap it out bi-annually for better grilling H2O.

□ **Freshen up entryways** After many days of rain, it's time to give entry porches and landings some TLC. Wash away dirt with a hose, then use a damp towel to wipe down the front door.

□ **Use glass cleaner and a cloth** to clean the windows, wiping horizontally across side and vertically on the other so that you can see any leftover streaks.



BEHIND-THE-SCENES CLEAN



You've wiped the counters and washed the dishes, swept the floor and cleaned inside the fridge. Your kitchen may appear spotless on the surface, but what about the places you can't see? Here's a few of our favorite tips for getting every nook and cranny of your kitchen sparkling, just in time for spring!



► **MICROWAVE:** Parked inside your microwave and you'll likely be surprised by the mess caused by grease! Use Mr. Clean Magic Eraser Extra Power to easily scrub away.



built-up grease and baked-on stains. It even cleans tough grime faster than the leading all-purpose bleach spray cleaner.



► **RANGE HOOD:** Grease and buildup in your kitchen's exhaust system will block the flow of air. Cleaning it regularly removes greases, smoke, and odors. Scrub—or replace—your filter every six to twelve months to keep your vent working properly.



► **DISHWASHER:** It may sound like a paradox, but the inside of your dishwasher can indeed get very dirty. A dishwasher-safe cup of plain white vinegar placed on the top rack throughout one cleaning cycle can help remove grime, scratches, and bacteria from the washer.



► **REFRIGERATOR:** Dust build-up on the coils of your refrigerator will make it work less efficiently—and cost more to run. Carefully slide the refrigerator away from the wall, vacuum the coils, and wipe down with a dry cloth.

The end OF THE ROAD FOR GRIME.

HIS MAGIC ERASER SCRUBS AWAY THE TOUGHEST GRIME WITH EASE.



PURE RINSE • BACTERIA • GRIME



WHEN IT COMES TO CLEAN THERE'S ONLY ONE
MR.

Mr.
Clean

There's a Magic Eraser perfect for every room in the house. Visit cleanbook.com to learn more!



DON'T JUST REMODEL
TRANSFORM.

Our products play a major role in the transformation of your home. We offer design choices like beautiful wood species options that can be stained to complement your other interior blades that fit seamlessly into new resolutions and a wide selection of hardware choices. In addition to top quality products we offer sizes and solutions to fit your project and make the transformation all you dreamed it could be.

MARVIN
Built around you.

Find inspiration and information at MARVINWINDOWS.COM

©2011 Marvin Windows and Doors. All rights reserved. AllergenGuard® Filter is a trademark of Marlin Corporation.

home solutions

Edited by Michelle Brunner

INSIDE LOUSES GRILLING TIPS EASY UPGRADES HOUSEHOLD HELP MORE

Tidy takeout container

Ordering out at the end of a busy day can be a major time-saver. Having to rifle through a messy room drawer, or search Amazon.com for a tidy little clutter-craft wall mount menu holder like the one here. We cut plywood to size and framed it with 4x4s, then made an angled lip from a 1x4, cut into two wedges, and began sanding. A coat of teal paint (Miss Mustard Seeds Mustard Seed Yellow) gives it a pop of sunny color, and a rectangle of green chalkboard paint lets you customize a message—overrible down your order! All that's left? Just look back and wait for the delivery guy.



Photo: Michael L. Johnson



SEE HOW IT'S DONE
For the full story, try
going online to video at
THISOLDHOUSE.COM/VIDEO

10 ways

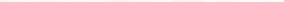
Zip ties

These handy fasteners can do more than corral cables. Put them to use with these clever ideas.

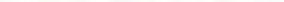
- 1. Make a hanging herb garden.** Drill drainage holes in a terra-cotta planter near the top. Fill the can with small well-draining herbs. Thread a zip tie through the top hole and tighten the can around a mailing tube.



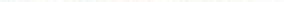
- 2. Protect against lizards.** If you don't have rubber bands on hand, use zip ties to secure your plantings at the ankles so that you don't get chewed or by mosquitoes and ticks.



- 3. Lock luggage.** Secure the pull tabs at two corners together by tightly threading a small zip tie through their opposite loops.



- 4. Unleash a chair.** Fasten together several long zip ties in a chain you'll need about five to launch the trap. Cut both ends straight along the ties with wire cutters. Snare one end into the drain line and move it up and down to loosen before and after use.



- 5. Clear workshop clutter.** Thread zip ties through pegboard above your workbench to create a permanent easy-to-spot holder for tools like a T-square or a hammer.



- 6. Preserve potting soil.** Keep moisture—and potentially mold—out of an opened bag of potting soil by cinching the top closed with a zip tie.



- 7. Childproof cabinets.** Keep M&M's out of off-limits storage by connecting cabinet knobs with a zip tie secured with a hair clip.



- 8. Hang holiday decor.** Use dark green zip ties to wrap keepsakes and offer privacy in storing upholstered items. Drill two holes ½ inch apart through the wood just below the foam and the

- 9. Direct climbing plants.** Help vining plants climb upward by securing them with zip ties to posts or lattice. Keep the ties loose so that you can take them off when plants have room to grow.



- 10. Tuff a chair seat.** Try substituting zip ties for strong upholstery thread. Drill two holes ½ inch apart through the wood just below the foam and the



PHOTO: GETTY IMAGES; ZIP TIES: ZIP TIE CO.

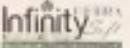


NATIONAL
GOLD TAG
FLOORING SALE
MAY 1-31, 2015

Inspire

Bring us your ideas and inspiration.

Together we'll turn your space into a beautiful place for family and friends. At prices that will make you smile. To find the showroom in your neighborhood and your \$100 off certificate, go to BuyAbbey.com/offoffer.



Style Chattooga Hills
Color Planners

Abbey Carpet & Floor
BuyAbbey.com



This Old House is proud to support Homes for Our Troops.

Join us as we help them build
a specially adapted, mortgage-free
home for returning Veteran
SSG Matthew DeWitt and his family.



TUNE IN FOR NEW EPISODES ON PBS

Check local listings or watch at thosedhouse.com/watch/TOH and join the conversation #TOH4TROOPS

Sponsorship



Best woods for grilling

Adding woodchips or chunks to charcoal coal fire imparts the flavor of your food. But some varieties work better than others. We talked to chef Brianne Seiver, the author of *There's Smoke: Bigg's Big Book of Woodsmoked Meats*, for the down-low on woodsmoked pairings.—MEGAN KELLY

APPLE WOOD

The most popular fruitwood (used in many beers and some candies), it adds a tangy, sweet flavor to food. Think of it as the butter of smoking wood. "It goes with almost everything, though it's great with pork and poultry," says Seiver.

HICKORY

This wood's deep, bacon-like flavor is a good match for hamburgers, fatty beef cuts, and lean pork.

MESQUITE

A staple of Southwest cooking, this wood has an aggressive flavor

that's best reserved for a steak with a spicy herb rub.

OAK

An all-star player, Oak goes with all meats and many types of seafood. It's a natural smokiest choice for lean, slow-smoking, imparting a mild, woody flavor with hints of vanilla and citrus.

PALO SANTO

Delicate and light in flavor, this fruitwood works especially well with seafood, shellfish, and particular. "People can also use it with pork and poultry in a peach-



READY... SET...

Enjoy A Faster, Endless Supply Of Hot Water With
Rinnai's Tankless Water Heating Technology.

Imagine turning on the shower and getting hot water almost immediately. If you had the smart technology of a Rinnai Tankless Water Heater, you wouldn't have to imagine. You'd have the integrated solution for a steady stream of hot water, including:

- A faster, endless supply of hot water that lets you do more, wash less and live better
- Less water and money down the drain to cut wasted natural resources and utility costs
- Ultra-efficient performance for monthly energy savings in a sleek design

The wait is over. This winter is now a breakthrough in tankless water heating technology that puts instant hot water at your fingertips.



Rinnai

To learn more about Rinnai's innovative lineup of high-efficiency water heaters, visit us at www.rinnai.com.

Face-lifts for your fridge

When you're in the throes of a remodel, even small appliances can take a backseat to everything else, but that doesn't mean you have to live with an ugly old fridge. Here, three from popular blogs show how to give your icon a little face treatment... —HEATHER GARDNER



► Chalkboard paint:
For a rustic look that's functional and charming, roll chalkboard paint between the refrigerator handles, then lightly sand it over. Wipe clean with a damp rag to help the paint cling to the steel front.

Street Smart Glass
Chalkboard Paint, \$22
at HomeCenters.com

► Patterned wallpaper:
Add playful style with a couple of rolls of peel-and-stick wallpaper. With the hinge handles concealed, wrap surfaces with a design right to create maximum cling. Apply the paper from top to bottom around frigid metal key holes for a no-gap, smooth, 2-in-4 finish.



► Refinished panels:
Cut beadboard and shiplap to fit refrigerator doors. Then add molding to the predrilled and recessed-top handle (use a profile bit to create the mitred and recessed panel edges). Adhere the panels with polyurethane adhesive. Then the edges with self-tapped finishing paneling to match.

Street Smart Glass
Panel Kit, \$22; Shiplap, \$15;
mitre, \$5.99 each. SuperTech
HomeDepot.com



Auto-aisle cleaning hacks

Post-diluted 50/50 vinegar and water solution: It's a powerful cleaner that many household cleaners you might already have, some of which probably have a few items that can do double duty.

—KATHRYN SHEA-IVARS

TURTLE WAX INDOOR CLEANER & PROTECTANT

With its 9.5 fl. oz. canisters of prime Turtle Wax car wax, you can skip the time-consuming task of getting rid of grime.

BRANKE DUST REMOVER SPONGE

With this 9.5-in. cleaning cloth, you'll have a hand-held, no-spray sponger. Use behind the toilet, 4.5-inch handle extends the reach of that control sponge. Use with your favorite bathroom cleaner.

SEA FOAM RUGS MULTI-SURFACE CLEANER

With its 32-oz. cleaning and washable rug cleaner, this non-toxic cleaner removes oil, grease, and residue from carpet—just spot-test first. Plus, it's a concert stain and moisture repellent.

It's \$10.99 at HomeDepot. This non-toxic, biodegradable detergent removes oil, grease, and residue from carpet—as well as pet stains, mud, dirt, and carpets—just spot-test first. Plus, it's a concert stain and moisture repellent.

CHAMPS CLEANER
With its 32-oz. cleaning and washable rug cleaner, this non-toxic cleaner removes oil, grease, and residue from carpet—just spot-test first. Plus, it's a concert stain and moisture repellent.

The home improvement experts at **House**
trust flooring from Lumber Liquidators...
This Old House



Visit us online
For a FREE CATALOG
www.lumberliquidators.com

Vinyl Mill Woods
Concrete look! Environmentally friendly vinyl flooring.

When it comes to the best in hardwood flooring, nobody beats the flooring experts at Lumber Liquidators.

In fact, our high quality floors have been featured on television's most prominent home improvement shows, such as *This Old House*.[®] And after 20 years in business, our stylish floors can be found in over two million homes.

So, for the lowest prices, the highest quality and the best selection anywhere—trust the flooring experts the pros trust.
Trust Lumber Liquidators.



Proud sponsor of **House**

Hundreds of stores nationwide | 1-800-HARDWOOD | www.lumberliquidators.com

High-efficiency washers

Is your old machine misbehaving? One of these energy-sippers will pay for itself over time while easing the washday routine.

Today's high-efficiency (HE) washers make ditching one that's on its last legs all the more appealing: You can save \$100 or more each year on utility bills, thanks to wash tubs that spin faster, use less water, and wring out more of it per load, requiring less dryer time. Though front-loading machines still lead the category, HE top-loaders are gaining, with their larger capacities and lack of old-school agitators, so there's less wear and tear on clothes. Tired of dealing with detergent—or having to visit the laundry room while cooking dinner? The new washers are smarter, too. Here's what to consider before taking the HE plunge.

—BRIAN KROKOVICH



BEFORE YOU BUY...

STUDY THE LOAD-UP OPTIONS

Most HE washers are Energy Star-certified, include a 20 percent less energy. Front loaders save about 20 percent on energy usage; about a 20 percent savings on clothes. Back-loading machines cost roughly \$300 to \$400 more than HE top loaders, so if you're less efficient, front loaders cost about \$100 less in the long run. Washers start at \$799.

ASSESS YOUR SPACE

Smart washers come in all sizes, so check whether your laundry room has enough space for a front-loader and a top-loader. For both front- and top-loaders, allow at least 18 inches for side installations, with 24 inches in between for overhead plus. Also, 6 inches of clearance for vents, and provide 8 feet or 36 inches of height per machine—and be sure the new unit won't protrude through doorways.

LOOK FOR LABOR SAVERS

Today's smart washers let you pre-set cycles so that when they're done, laundry is folded. Smart automatic dryers can hold up to 10 pounds of laundry, and smaller HE models claim to use three-quarters less energy. Quick wash cycles can handle lightly soiled laundry, reducing the overall wash time by 10 percent or more. Smartphone apps let you check load status, start cycles, and turn the machine on or off while doing other things. Larger-duty digital displays and controls let you see other specifications.

CONSIDER A SET

Matching colors and controls, ready-to-install Energy Star washers, dryers, and ovens are the only ones that can be paired to be washed and dried at the same time.



Show off your high-efficiency laundry machine with a "Smart Set."

This feature lets you control your entire laundry from your smartphone.

TURN LAUNDRY TIME INTO TURBO TIME



SAVE UP TO 25 MINUTES IN YOUR HIGH EFFICIENCY WASH CYCLE.

With Tide's Smart Scale, collapse laundry to save up to 25 minutes a wash in your high-efficiency machine. Look for HE Turbo on Tide.

[tide.com/he](#)



Cozy cottage entry for \$177

Board-and-batten wainscot and carefully placed hardware give a fresh new look—and purpose—to a formerly nondescript space



BEFORE: the bare-bones entry hamstered footlong storage. **AFTER:** building shelves made the best use of this tight space while also providing a place for the family's belongings. A shallow ledge acts as a picture gallery for artwork.

SOMETIMES WHEN YOU'RE SQUEEZED FOR SPACE, there's nowhere to boud but up. Just ask Sade and fragan Lewis. The entryway of their 1950s ranch in San Antonio didn't boast much square footage—or character, for that matter. The couple dreamed of making it a functional layer with space to store their gear, since they already knew that their home, overhauled but down low in budget, had a "she" moment come after they discovered a fellow blogger's solution to the same problem: a board-and-batten-style wainscot that provides a landing spot for coats and bags without taking up a lot of space. Within the week, the couple had sketched out plans for a new-and-improved entry, with hooks for their essentials and a ledge to display artwork. Sade had lumber cut to size at the home center, and fragan sanded pine 3x3s and 1x6s right over the drywall, then made the display shelf from a 3x3 on top of upside-down base-capping molding. Sade painted the pieces with white paint and dressed the ledge with photos and decorative items they had on hand. A new light fixture was the final touch, adding a subtle pop of color. Now Sade loves her entry, adding, "The entry organization is just awesome!" —KATIE HOWELL

THE PROJECT TALLY

Used pine 3x3s and 1x6s to create board-and-batten-style pane ledg and baseboard with a display shelf. **\$80**

Film the pane holes with wood filler; caulk the assembly and painted it with late-late latex used in a previous project. **\$10**

Hung hooks at different heights to accommodate lots of items. **\$17**

Replaced the old builder's basic light fixture with a new powdered-coated pendant. **\$70**

Topped the display ledge with photos and accessories the couple had on hand. Then finished the source with anemone spray. **\$30**

TOTAL: \$177

THRIFTY, ARE YOU?

Want to make your home more energy efficient? Here are some tips from the U.S. Environmental Protection Agency's Energy Star program.

PHOTO: KAREN LEE

FOR MORE INFORMATION, SEE DIRECTORY PAGE 104.

The world is tilted with air.



**COPD MAKES IT HARD TO BREATHE AIR.
ANORO HELPS YOU BREATHE AIR BETTER.
(With a chronic obstructive pulmonary disease.)**

APPROVED USE

ANORO ELLIPTA® is an inhaled FDA-approved device that contains 2 doses of the active drug umeclidinium 25 mg and vilazodipine 25 mg (umeclidinium 25 mg and vilazodipine 25 mg) delivered via a handheld inhaler for once-daily use. Total results may vary.

In clinical trials, ANORO ELLIPTA helped people breathe air better than SPIRIVA® Handi-Haler®.*
*Results shown at 2 or 3 doses daily. Individual results may vary. SPIRIVA® Inhaler is a dry powder inhaler and is used to treat COPD and chronic bronchitis. ANORO is not used to treat sudden symptoms of COPD and acute exacerbations. ANORO is not for the treatment of asthma. Exacerbated has its own risks and benefits.

Important Safety Information

- Do not take ANORO with other medicines that contain eLABU or an inhaled corticosteroid, for the reason. Tell your healthcare provider about all the medicines you take and about all your health conditions. Especially tell your healthcare provider if you take methotrexate, including rituximab for rheumatoid arthritis or psoriasis.
- ANORO ELLIPTA can cause serious side effects, including:
 - asthma breathing problems immediately after inhaling your medicine
 - serious allergic reactions. Call your healthcare provider or get emergency care if you get one of the following symptoms of a serious allergic reaction, even if they are not listed below:
 - Itching or rash
 - Swelling of the face, mouth, and tongue
 - Difficulty breathing
 - Hives
 - Fast heart rate
 - Low blood pressure
 - effects on your nervous system, brain, or muscles
 - signs of increased eye problems, including acute narrow-angle glaucoma. Acute narrow-angle glaucoma is a medical emergency. If you feel pain, pressure, or redness in your eye, or if you see halos around lights, or if you have blurry vision, call your doctor right away.
 - urinary retention. People who take ANORO may develop new-or-worse urinary retention. Symptoms of urinary retention may include difficulty starting urination and/or straining frequently to urinate in a weak stream or urine leak. If you have these symptoms of urinary retention, talk to your healthcare provider early and often before taking another dose.
 - changes in balance and blood levels, including high levels of blood sugar (diabetes) and low levels of pituitary hormones (hypopituitarism).
- Common side effects of ANORO include: sore throat, dry mouth, lower respiratory infection, common cold symptoms, constipation, diarrhea, pain in your torso or legs, muscle spasms, headache, chest pain.

You are encouraged to report negative side effects of prescription drugs to the FDA. Visit www.fda.gov/medwatch, or call 1-800-FDA-1088.

Please see Brief Summary of Prescribing Information for ANORO ELLIPTA on the following pages.

ANORO and vilazodipine 25 mg and umeclidinium 25 mg are trademarks owned by Novartis AG.

ANORO ELLIPTA was developed collaboratively with Novartis.



Talk to your doctor about ANORO.
Visit ANORO.com and sign up for updates.

*Subject to eligibility restrictions apply. See ANORO.com for details.

ANORO ELLIPTA®

(umeclidinium 25 mg and vilazodipine 25 mg inhalation powder)





Water with
the wave of a hand.

MotherSense™ only from Moen

Wave over for a pot-filling stream. Reach under for a quick rinse. It's water how you want it, when you want it.

moen.com

MOEN
Buy it for looks. Buy it for life.[®]

Bright and open

Merging the kitchen and the dining area creates one big happy family hangout
BY MEGAN BROWN • PHOTOGRAPHY BY ALICE HATFIELD

SOMETIMES IT TAKES a larger problem to finally spur the solution to a smaller one. Bevins Simmons and Ian Blaauw had been living in their 1927 Tudor Revival for nearly a decade, dissatisfied with the cramped galley kitchen but otherwise smitten with the stately house. Then came the foundation repair, necessitating a renovation—and prompting them to take a good look at what they wanted from their cook space.

The previous open-plan layout and lack of workspace, to give the couple and their two children room to spread out, even when they were all-doing dinner duty. With the help of a local firm, J.A.S. Design Build, the couple decided on a wide-open floor plan that fused cooking and dining areas and also called for a 9-foot rear extension.

The result is a big, bright space with an island that seats three, a table that fits eight, and yards of counter space, along with plenty of windows. Upper cabinets lost in the shake-up are compensated for with island storage, lots of deep base-cabinet drawers, and a bench-like wall of built-ins. "The new kitchen is moving and cozy without being too crowded," says Bevins. "Our kids can do homework at the table while we cook at the stove, and it still feels like we're together."



BEFORE The corner-kitchen layout provided little room to work, and a separate breakfast nook broke up the cook-top and dining spaces. A **FTER** An open layout with a large island offers lots of room to work out and plenty of storage. Cabinets: Bellcourt Cabinet Company. Range: Wolf. Pendant: Vier A Hand. Pendant light: Restoration Hardware

• before + after:
kitchen



Homesweat Home
Homeowners Lisa Koller
and Dan Astens gather
around the prep island,
which is tucked into
the kitchen's sweet
zone. The space is
subdivided by back-to-back
islands, echoes the
Tudor-style home's
interior details.

SHARE YOUR
REMODEL

It's time to share your
remodeling success stories.
Whether you've just
finished a kitchen or
bathroom remodel,
or are in the middle
of one, we'd love to
hear about it! Visit
www.hgtv.com/share

after

Painting the back wall 9 feet absorbed an entry porch and allowed for a large open-plan cooking-and-dining space lined with windows.

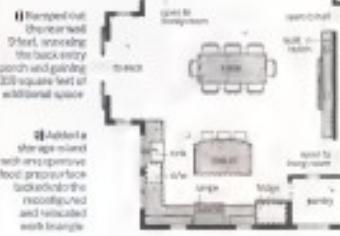
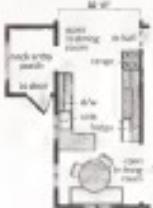
② Created an atrium
squares space to focus an
airy dining area that's
visible from the kitchen.

④ Put in a built-in
of built-in
for storing
dishes and
cookbooks
with a counter
for serving.

③ Carved out
a pretty alcove
that stands 4 feet
from the living
room. It houses
an arched entry
and interior
window tailored
during the redo.

before

The old galley kitchen
lacked storage counter
space and natural light.



© 2013 HGTV Media, LLC. All rights reserved.

ADVERTISEMENT



MOM'S TO-DO LIST WAS TOO LONG.
HER DAYS WERE TOO SHORT.
BUT HER HUGS WERE JUST RIGHT.

Your kids don't need perfection. They need you.
Let COZI manage the details so you can focus
on what really matters.

Cozi tracks everyone's schedules and lists,
and reminds the family so you don't have to.

Happy Mother's Day.

GET COZI. IT'S FREE AT COZI.COM



Family life. Simplified. **COZI**

© 2013 Cozi LLC. All rights reserved.
HGTV is a trademark of Viacom, registered in the U.S. Patent and Trademark Office.
All other brands and product names are trademarks of their respective companies.

• before + after:
kitchen.



The cook space looks out onto an airy dining area and provides a casual party. The eat-in kitchen-like built-in island adds to the atmosphere with leaded glass cabinet doors and a salvaged marble counter.



New-energy-efficient windows replace the look of the original ones. Their simple style makes them easy to operate when reaching over a deep counter.



An open-front sink, a stainless faucet, and soapstone counters lend vintage charm while rustic-style ceramic subway tile adds a modern twist. (Kitchen: Shana Faure, Kitterer; Tile: Ken-Senk)

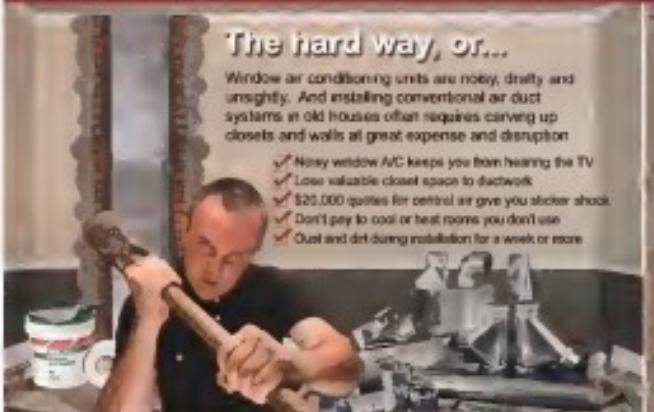
FOR MORE INFORMATION SEE DIRECTORY PAGE 94

Heating and Cooling Your Old House

The hard way, or...

Window air conditioning units are noisy, drafty and unsightly. And installing conventional air duct systems in old houses often requires carving up closets and walls at great expense and disruption.

- ✓ Noisy window A/C keeps you from hearing the TV.
- ✓ Loses valuable closet space to ductwork.
- ✓ \$20,000 quotes for central air give you sticker shock.
- ✓ Don't pay to cool or heat rooms you don't use.
- ✓ Dust and dirt during installation for a week or more.



...the easy way!

Fujitsu mini-splits are today's most advanced form of heating and air conditioning. One unit can power up to 8 indoor units simultaneously. Systems are quick and easy to install.

- ✓ Whisper quiet operation.
- ✓ Comfort only the spaces you use.
- ✓ Cost-effective alternative to central air.
- ✓ Lowers utility bill up to 50%*
- ✓ Quick, professional installation in as little as a day.



*Based on a day based on model selected, hours of operation and gas cost.
Call for details. Not available in all areas.

FUJITSU

Comfort your house the easy way.
Visit www.constantcomfort.com

Halcyon



SOMETIMES YOU JUST HAVE TO STOP & SMELL THE WESTERN RED CEDAR

It's time to move the outdoors outdoors. And nothing performs better on outdoor structures than 100% natural Western Red Cedar. Real Cedar is naturally resistant to rot and decay and its deep, rich texture and limitless finishing options means it will look fantastic in any yard. This year, make the most of your outdoor living: build with the real material.

Take a break and smell the Real Cedar.

1 866 778 9096
www.realcedar.com

REAL
green

REALCEDAR

Long on luxury

Luminous finishes and a smart layout turn a narrow space into a relaxing retreat BY DEBORAH BALDWIN • PHOTOGRAPHY BY ALICE KOPPENIEK

WHEN LIFE hands you an especially long, skinny space, think about Jennifer DeLaney and Chris Reid. Their challenge began when they asked architect Lauren Sorenson to design a three-story rear addition for their 1914 house, in St. Louis, no deeper than 8 feet. One result was a ribbon of space running nearly 39 feet across the back of the second floor—an opportunity, the couple ultimately decided, to decompress from the small 1½ baths they had been sharing and create a spa-like space off their bedrooms. One master bath had subway tiles, another had a clawfoot tub. "I wanted to re-create that look," says Jennifer. Working with interior designer Joie Spear and general contractor Steve McMillian, the couple turned the focal point of the new bath—an updated fireclinking tub—with glass pocket doors, not just for privacy. "We have two kids who love to come barreling into the bathroom," says Jennifer with a laugh. She adds, "With the new windows, there's wonderful light. It's such a pretty scene. And it fits so well with the rest of the house."

PHOTOGRAPH BY ALICE KOPPENIEK



BEFORE The tall built-in shelves had been covering this short arched doorway using about six shelves.

AFTER The room now makes half of an addition, has a marble-like radiant floor heating. Matrix-floor tile was laid out for miles (opposite) and the designer had open shelves and laid in a geometric herringbone pattern. Top: Victoria + Albert; Tolik Miller; John Cullen; Left: Floor tile: Ann Sacks; Windows: Pella; Sidelights: West Elm; Light fixture: Circa Lighting.

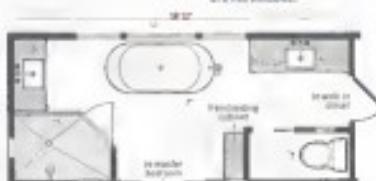


+ before + after:
batch



after

The curved "M2-square-foot" spaces, located in an addition, is large enough for twin vanities plus a separate tub and shower.



2) Opted for
two separate
columns instead
to accommodate the
available space.

2) Enclosed
the shower
enclosure
glass to let
natural light
flow through
the window.

4) Played around in
surveillance by the
original developer
and will update
soon with more
cocktail choices.

③ Covered the tub under the window and in the sight line from the back door.

4) Fit the toilet
in a corner alcove
with its own
pocket door

CIGARETTES



**100% ADDITIVE-FREE
NATURAL TOBACCO**
— INGREDIENTS —
ORGANIC TOBACCO & ORGANIC MENTHOL

No additives in our tobacco does NOT mean a safer cigarette.

Organic tobacco does NOT mean a safer cigarette.

**TRY
1 PACK
FOR \$2***

**Visit NASCIGS.com or
call 1-800-435-5515**

PROMO CODE 96012

SURGEON GENERAL'S WARNING: Smoking By Pregnant Women May Result in Fetal Injury, Premature Birth, And Low Birth Weight.

Deze studie wijst uit dat de verschillende groepen van de vaders verschillend reageren op de verschillende vaderschapsvragen. Daarbij is te zien dat de respondenten met hoge vaderschapsvragen verschillend reageren en dat de verschillende groepen verschillend reageren op de verschillende vaderschapsvragen.

*before *after:
bath

The vanity tops are quartzite, a stain-resistant natural stone. Vanity tops: Unico Stone Concepts; Faucet: Grohe



The graphic-looking herringbone floor was inspired by other rustic elements in the house. Outback Antiques' rustic redwood vanity and black Cabinet Review Ceramic bathrobes and basic items: Walker Zinger

pro advice

JONATHAN SCHAFFER, INTERIOR DESIGNER, ST. LOUIS
"A graphic floor pattern can be oriented to draw the eye toward the most important focal point in a room—in this case, the freestanding soaking tub."

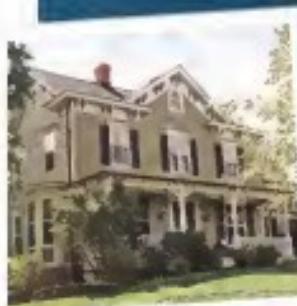


A custom cabinet holds towels and bath supplies. Knobs and pulls: Top Knobs



The toilet is tucked discreetly in a corner shielded by a pocket door. Photo: Jeffery Sherwin/Wilson & Associates; Toilet: Toto

YOUR
This Old
House
THE READER-CREATED ISSUE



SHOWOFF YOUR HOUSE!

enter THE SEARCH FOR
AMERICA'S BEST REMODEL **contest**

We're looking for your best KITCHEN, BATH, BEDROOM,
YARD, and WHOLE-HOUSE REMODELS—and more

See yourself in the
OCTOBER ISSUE of This Old House

PLUS, SHARE
your stories your money-saving tips
your projects your clever ideas

ENTER YOUR REMODEL AT:
**thisoldhouse.com/
yourTOH**

DEADLINE: May 26, 2015

This Old House Great American Best Remodel 2015. Entry deadline: mid-May 26, 2015. Open to U.S. residents who are 18 years of age or older (provided that they are of the age of majority in their state or province) at the time of entry, excluding employees and immediate family members of This Old House, Inc., and their parents, spouses, relatives, and close associates, and agents, advertising, marketing, and promotional agencies. Local restrictions apply. Void where prohibited. Limit one submission per household. No purchase necessary. © 2015 This Old House, Inc. All rights reserved. This Old House is a registered trademark of This Old House, Inc.

Fresh finds, fast fixes

Introducing 23
inventive new ways
to upgrade your
kitchen and baths

BY TARA LEELING AND KATHLEEN HILL



MOROCCAN MOSAIC
These ceramic tiles, like cutouts,
are shaped 4 inches wide
with a 1/2-inch lip. They continue
that M together for an updated
design. In 12 earthy colors. From \$25
per square foot. [provenza.com](#)



COTTAGE ISLAND
This white 2 by-4-foot
island looks like a
country-style sideboard.
It has a black granite
top. One side has
hinged shelves and
drawers, and the other can
square up to the bar stools.
\$249. [westelm.com](#)



ZIPPY DOOR WARE
Add pizazz to a plain or other sliding
door with Spectrum Color It's Door
Hardware. In your choice of eight
colors, shown. Each dimension with a
track, hanger wheels, and mounting
hardware. \$40. [spectrumhardware.com](#)

COLOR MEETS CHROME
From the people who popularized
the retro-style Industrial Chic
Pots & Pans, bright standard pulls,
including Industrial knobs, and 1800
cupboard choices. Industrial knobs
feature a distressed lacquer. Two styles
available. \$9–\$100. [potsandpans.com](#)



SWAN-LIKE WORKHORSE

The graceful profile of
this gooseneck faucet
from American
offshoot modernM
fits any style kitchen.
The supply hose has a
useful length. Migma
elbow swivel docking.
Threads include
stainless steel, chrome.

From \$200. [modernm.com](#)



© 2012 AMERICAN KITCHEN. ALL RIGHTS RESERVED.



VISUAL CUE
The Trendyline Rain
shower head from Moen
is designed to look as
the shower head is spraying
and it consists of
nothing more than
shiny metal. About \$100. [moen.com](#)



BREAKFAST CHUMS

This efficient, integrated
plug-in breakfast nook
booster members of
Smeg's new 50's Retro
Style collection sport pastel
powder-coated bodies. Avail-
able in light blue and white.
[smegusa.com](#)



CRUMB CATCHER
With a built-in bread box and a
180° swiveling base, the
Bella CrisperBox is not
just an refrigerator; it's a
bread bin. Its soft-closing
bowl's roll-out base pulls out
and is washable. But the
most unique feature is the
crumb catcher, which collects
bits of bread from the bread box.
About \$200. [ikeahackers.net](#)

HIDDEN ORGANIZERS
IKEA's new kitchen system
the Gettorp Collection, a first
move toward the storage and
organization aisle, gets
deep updates. Just like its open
and airy open shelving drawers
in Glacier, about \$2,000. [ikea.com](#)



MOISTURE DISAPPEARING ACT
Bell+Howell Quick Dry Towels, in a choice of 12
colors, take moisture from your skin faster
when it's warm. The waffle weave
allows air to circulate within towels to dry
about 30 percent faster than standardberry
towels. \$14 for a set. [amazon.com](#)



PINES WITH PULLS
A witty fusion of chic tables and
chairs, Stilnovo Park is bold and just
as colorful as its influences, including this
glossy Ginkgowood Brass. \$790 in E27
each. [alstilnovo.com](#)

VINTAGE GLOW

The well-priced brushed-nickel Brookside has a 22-inch prismatic glass shade for diffused lighting and a metal sleeve to keep the cord under cover. Use one over a sink or pair over an island for a look of old-world style. \$125. prolonglighting.com



NEW LOOKS IN LAMINATE

Formica's updated retro-style looks with glossy new scratch-resistant finish. Try the Jonathan Adler Collection. Check out neoclassical Lacquer Lattice (available May) or ready-to-go Sweet Berry (available July). From \$17 per square foot. formicacom



WATER WALL

Tiling Masters' "wavy spray" tiles come in four sizes and one decorative wavy pattern. They're also available from the first Bushnell spray tile supplier, [Spray It Plus](http://sprayitplus.com). Available in July. From \$11.99. bushnell.com

ON-TREND STORAGE

Home center cabinets from American Woodmark have points at the forward-looking play "soft-sided". Painted Steel Door styles include Meridian, Charleston, Roaring, and Bayberry. From \$45 per installed. homdepot.com



COLOR MATCH



SAFER COOKING WITH GAS

Smoother a bagout of stock? The 36-inch Discovery Gas Teardrop can be angled back to 10 degrees or set flat. Both are solid & automatically shut off after 10 hours. Starting at \$1,199 for pre-orders. 3699-decor.com



QUITE COOL

This two-temp control drawers and platinum gray LED interior with white shelving lets it keep under the bed. Preorder. \$1,499. fridge.com

FULL SPEED AHEAD

The compact, easy-to-clean Pulsator has a removable hub and four handles that quickly spin discs up to 16 cups of lettuce in just five moves. \$35. sunbeam.com



Photo © 2010 LUXO. LUXO, Luxo and Luxo Kitchen are trademarks of LUXO International Inc.

THREE'S A CROWD
Three new items for your bathroom and vanity. From left: Reversible Bone-Fold and Twisted Dishcloth. \$11.99 each. homdepot.com

BRIGHTER AND LIGHTER

Easier to install than ever, the Porcela undermount from Heuer is unrimmed steel and comes in four colors. The ultra-thin shown is a punchy Honey Blue and is about 12 by 29 inches and weighs just 19 pounds. \$442. heuer.com



QUICK RETROFIT

Papilio Touchless Toilet Seats fit the tank of virtually any toilet. The tank will hold up to 100 pounds. ADA compliant. Plastic. As follows: \$119. [Ashley.com](http://ashley.com)



CRACKLE 'N' POP

For a quick cabinet vanity makeover, crackle porcelain knobs from Home Depot look like a custom-painted version. Hand-painted colors and antiqued brass. From \$2.99 each. homdepot.com



ACADEMY AWARD® NOMINEE
DOCUMENTARY FEATURE

AMERICAN EXPERIENCE

LAST DAYS IN VIETNAM

DIRECTED AND PRODUCED BY RORY KENNEDY

TUESDAY APR 28 9/8c
PREMIERE ASTONISHING VIETNAM PBS



EN



ALICE P. HAGUE

TYLER

Entertainment
Public Television

landscaping

Power plants

Unfussy and long-lived, garden perennials pump out beautiful foliage and flowers year after year. Here, standouts everyone should grow BY KATE KABAN

 **VIEW A-JEW-DROPPING** gardens and it's likely you're seeing the potential of perennials at work. Trees and shrubs form the bones, and annuals add bright spots to a garden, but it's perennials—herbaceous, nonwoody plants that go dormant in fall, then return in spring—that provide the textures, forms, and calculated sequence of colored masses that every gardener needs. Once planted, perennials can endure for years, even decades. That's why selecting them is such an important process, one that can be challenging given the myriad new species and cultivars made available every year.

To come up with a group of perennials that could be considered the backbone of any well-tended garden, we turned to horticulturalists Ruth Rogers Clausen and Thomas Christopher, authors of more than a dozen books between them, including their new guide, *Essential Perennials* (Timber Press). They give us a short list of plants that deliver successive blossoms—early, mid, and late season—and grow well in most parts of the country with minimal care. For new gardeners, these tried-and-true picks are a great place to start; experienced gardeners on the hunt for exceptional cultivars will find those, too. For the details, read on.

Rituals with high summer
value, this perennial favorite
is built to last. After the
stately leaves fade purple
variegated ones keep the
verigated ones keep the
green ones green until fall.



* landscaping



Early risers spring to the start of summer

1. *Hesperis matronalis* (Mat's jewelweed) Among the first flowers, these biennial colors provide color while there's still snow on the ground. Few species are currently available, along with dozens of hybrids offered from breeders. Plant in clusters shaded or in sun. Prefers rich, well-drained soil; once established, tolerates drought. Height: 1-4 feet. Full sun. Zones 4-9. **CHOICE CULTIVAR** The Royal Heritage series (above) is superbly 7-ft.-tall. 2-ft.-wide. \$14. www.breeder.com



2. *Folium frigida* (Blue fringed gentian) This straight Gentian prefers a bit of shade and has bright gentian blues where other plants struggle. Blooms from late spring. Plant in sun. Height: 1-4 feet. Blue flowers; other species and hybrids bloom in shades of purple, yellow or white. Plant with loamy soil, not too wet. Full sun. Zones 2-9. **CHOICE CULTIVAR** Starlight Prairie River (above) holds up in extreme sun. 1-2 ft.-tall. 1-2 ft.-wide. \$22. www.gardeners.com



3. *Silene dioica* (Red campion) It's strong upright. Native states favored it as a roadside pollinator. Flowers come in pink, white, red, purple and blue. Blooms from late May through June. Grow with loamy, sandy-porous soil and good drainage. Prefer full sun, but take what's available. Sun or shade. Grows up to 4 feet tall and wide. Zones 3-8. **CHOICE CULTIVAR** Silver Queen (above) is a hybrid. Bloomer. 3 ft. 18 in. pot. \$22. www.gardeners.com

Heat seekers early to late summer

4. *Coneflower* (*Echinacea*) While the tough-as-nails coneflowers are classic with growing Coneflower first with lime-orange and hot pink colors. All flower heads are daisy-like, with a central "cone" and are resistant to deer and rabbits. Plant with nutrient-rich soil. Prefers full sun, heat and well-drained soil but is quite drought tolerant. Full sun. Growing to 3-5 feet high. Zones 4-9. **CHOICE CULTIVAR** Hot Pepper (above) is a late-blooming strain. 3-4 ft.-tall. \$14. www.gardeners.com



5. *Campanula* (Handy bellflower) Handsome annual bellflower plant has a long, branching stem covered with a mounting hotel and a bee-fly attracting flowers. Plant under trees or with phlox as a companion. Prefers rich, well-drained soil; once established, tolerates periods of drought. Sun or afternoon shade; winter some zones. Grows up to 3 feet high and wide. Zones 4-10. **CHOICE CULTIVAR** Johnson's Blue (above) is a blue-flowered blue bellflower subvar. 3-ft.-tall. \$4. www.gardeners.com

6. *Phlox* (Flax) New cultivars of fragrant, fall-flowering phlox (*P. paniculata*) are more resistant to the powdery mildew that plagued older varieties. Other species, such as creeping phlox, add color to many shade-enclosed gardens. Plant sunnier sites with well-drained, dryish and gravelly soils. Prefers moist, moist fertile soil. Grows up to 2 feet tall and wide. Zones 3-8. **CHOICE CULTIVAR** Showstopper (above) notable for disease resistance. 4-in. pot. \$9. www.gardeners.com

7. *Dahlia* (*Dahlia*) While the species is famously finicky, new strains like Shy Girl (above) combine the assets of their English relatives with more vigorous, self-seeding qualities. Plant with loamy soil and shade-tolerant. Prefers rich, well-drained soil. Irrigation avoids water-logged soil. Tolerates full sun to part shade. Grows up to 6 feet tall and 2 feet wide. Zones 3-10. **CHOICE CULTIVAR** The New Millennium series, including Morning Light (above), is notably disease-resistant. 4-inch pot. \$3. www.gardeners.com

Late bloomers end of summer through fall

8. *Succowii* (*Helenium*) Blooms on informal clusters of orange, red, copper or yellow that last through the autumn. Blooms until frost. Zones 3-10. Full sun to 100% shade. Prefers cool, well-drained soil. Irrigation avoids water-logging. Grows up to 3 feet tall and 2 feet wide. Zones 3-9. **CHOICE CULTIVAR** Fire and Ice (above) is a white-flowered beauty. 3 ft. 18 in. pot. \$4. www.gardeners.com

9. *Bleeding heart* (*Dicentra spectabilis*) With their starry blue flowers, tolerance to heat and months of bloom, these salvias deserve their spot in most gardens. Plant with loamy, sandy soil and porous soil. Prefers fertile, well-drained soil and full sun to part shade. Grows up to 3 feet tall and 2 feet wide. Zones 3-9. **CHOICE CULTIVAR** Goldstar (above) is more compact with larger flowers. 3-4 ft.-tall. \$1. www.gardeners.com

10. *Anthriscus sylvestris* (Hedgehog) These late bloomers bring rich rose and lavender hues to the fall garden. Of the many species and cultivars available, it is the taller, blooming Rose Ringed variety that is a showstopper. Prefers moist, rich soil but tolerates a variety of conditions. Full sun to part shade. Grows up to 3 feet tall and 2 feet wide. Zones 4-8. **CHOICE CULTIVAR** Alice Parker (above) is heat-tolerant, disease-resistant. 5-gal. pot. \$15. www.gardeners.com



Where will color take you?
Visit Sherwin-Williams and discover a new world of color with
our free test paint. Pick a store at sherwin-williams.com/color.



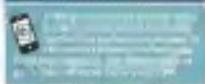
Whimsical headboard

Create a charming bed...no hammer and nails needed.
BY DEBORAH HALBWACHS • PHOTOGRAPH BY DEBORAH WHITLOW/LEELA LEE

HIDDEN IN the cover 2-D headboard is an important plane tip. "Start with the baseline," says Brian Carter, a decorative painter in Atlanta. "You can always match paint to fabric, but you can't always match fabric to paint." For this project, he drew two shades from the latex to compose an accent wall as drift as a well-made bed. A coat of pink went down first, followed by broad khaki-green stripes, created with the help of a yardstick, a pencil line, and painter's tape. Draw two templates. Start with 36-inch wide kraft paper and draw the headboard, making two square top panels slightly narrower than the experts. Fold the paper down the middle and cut out the role that looks best. Unfold the template, position it above pillow height, mark it in pencil, then fill it in, down to mattress level, with two coats of white paint. Paint in the scalloped post caps and drifts, and paint them and the border outline with a 1½-inch artist's brush. For template two, the finish, draw a silhouette of a crystal bird large enough to straddle a stripe; use a saucer or a campaign to draw its perch. Flip this template so that the birds face each other. "If the stripes are evenly spaced, the result can have a relaxed look," Carter says. "Imperfections are part of the charm." ■



WE LOVE PAINT IDEAS



Once-a-week TANZEUM may help adults with type 2 diabetes lower their A1C.

What is TANZEUM™ (albiglutide)?

TANZEUM is an injectable prescription medicine that may improve blood sugar (glucose) in adults with type 2 diabetes, and should be used along with diet and exercise. TANZEUM is not recommended as the first medication to treat diabetes. TANZEUM has not been studied in people who previously had type 1 diabetes. TANZEUM is not a substitute for insulin and is not for people with type 1 diabetes or diabetic ketoacidosis. TANZEUM is not recommended in people with severe liver or intestinal problems. It is not known if TANZEUM can be used with short-acting or rapid-acting (mealtime) insulin. TANZEUM has not been studied in children under 18 years of age.

Important Safety Information for TANZEUM

In studies with rats and mice, medicines that work like TANZEUM caused thyroid tumors, including thyroid cancer. It is not known if TANZEUM will cause thyroid tumors or a type of thyroid cancer called medullary thyroid carcinoma (MTC) in people. Do not use TANZEUM if you or your family have ever had MTC or if you have an endocrine system cancer called Multiple Endocrine Neoplasia syndrome type 2. Tell your healthcare provider if you get a lump or swelling in your neck, hoarseness, trouble swallowing, or shortness of breath. These may be symptoms of thyroid cancer.

Do not use TANZEUM if you are allergic to albiglutide or any of the ingredients in TANZEUM.

Before using TANZEUM, tell your healthcare provider about your medical conditions, including if you have or have had problems with your pancreas, kidneys, or liver; heartburn; problems with your stomach, such as slowed emptying of your stomach (gastroparesis); or problems with digesting food. Tell your healthcare provider if you are taking a new prescription or over-the-counter medicines, vitamins, or herbal supplements.

Tell your healthcare provider if you are pregnant or plan to become pregnant. It is not known if TANZEUM will harm your unborn baby. Tell your healthcare provider if you are breastfeeding or plan to breastfeed. It is not known if TANZEUM passes into your breast milk.

TANZEUM may cause serious side effects, including:

- inflammation of your pancreas (pancreatitis). Stop using TANZEUM and call your healthcare provider right away if you have severe pain in your stomach (near abdomen) that will not go away with or without walking. You may feel pain that may go from your abdomen to your back.

(continued on next page)

Go to TANZEUM.com to learn if you may be eligible to receive TANZEUM free for 12 months.*

*Subject to eligibility. Restrictions apply.



The TANZEUM SUPPORT TEAM
is here for you 24/7. Call 1-855-TANZEUM.



Once-a-week TANZEUM helps your body release its own natural insulin.

TANZEUM is an injectable prescription medicine that helps your body release its own natural insulin when your blood sugar is high, after you eat.

If your A1C is not at goal with certain diabetes pills or daily insulin, ask your doctor if adding once-a-week TANZEUM is right for you.

When combined with diet and exercise, TANZEUM may improve blood sugar (glucose) in adults with type 2 diabetes. TANZEUM one can be used in adults taking diabetes pills or daily insulin and has been shown to lower A1C in adults. It is not known if TANZEUM can be used with meal-time insulin.

Important Safety Information for TANZEUM (cont'd)

TANZEUM may cause serious side effects, including (cont'd):

- low blood sugar (hypoglycemia). Your risk is higher if you take TANZEUM with another medicine that can cause low blood sugar such as insulin or a sulfonylurea. Signs and symptoms of low blood sugar may include dizziness or light-headedness, sweating, confusion, headache, blurred vision, slurred speech, shakiness, fast heart beat, anxiety, irritability or mood changes. Hunger and feeling jittery.
- allergic reactions. Stop using TANZEUM and get medical help right away if you have any symptoms of an allergic reaction, including hives, rash, or difficulty breathing.

- kidney problems (kidney failure). In people who have kidney problems, diarrhea, nausea, and vomiting may result in loss of fluids (dehydration), which may worsen kidney problems.

Common side effects of TANZEUM may include diarrhea, nausea, rashes at your injection site, itchy skin, back pain, and cold or flu symptoms. There are not all the possible side effects of TANZEUM. For more information, talk to your healthcare provider.

Please see Medication Guide for TANZEUM on the following pages.

You are encouraged to report negative side effects of prescription drugs to the FDA.
Visit www.fda.gov/medwatch, or call 1-800-FDA-1088.



GSK for you

If you don't have prescription coverage
and/or need your medications
subsidized or free,
visit www.gskfreemeds.com or call
1-866-GSK-FORM-U (1-866-475-3638).

Once-weekly
Tanzeum™
albiglutide
30mg, 50mg for injection

Make every week a TANZEUM week



**Medication Guide for
TANZEUM™ (tan-see-u-m)
(albiglutide) for injection,
for subcutaneous use**

Read this Medication Guide before you start taking TANZEUM and each time you get a refill. There may be new information. This information does not take the place of talking to your healthcare provider about your medical condition or your treatment.

**What is the most important information
I should know about TANZEUM?**

**Serious side effects may happen in people
who take TANZEUM, including:**

- **Possible thyroid tumors, including cancer.** Tell your healthcare provider if you get a lump or swelling in your neck, hoarseness, trouble swallowing, or shortness of breath. These may be symptoms of thyroid cancer. In studies with rats and mice, medicines that work like TANZEUM caused thyroid tumors, including thyroid cancer. It is not known if TANZEUM will cause thyroid tumors or a type of thyroid cancer called medullary thyroid carcinoma in people.

- **Do not use TANZEUM if you or your family have ever had a type of thyroid cancer called medullary thyroid carcinoma (MTC) or if you have an endocrine system cancer called Multiple Endocrine Neoplasia syndrome type 2 (MEN 2).**

What is TANZEUM?

TANZEUM is an injectable prescription medicine that may improve blood sugar (glucose) in adults with type 2 diabetes mellitus, and should be used along with diet and exercise.

- TANZEUM is not recommended as the first choice of medicine for treating diabetes.
- It is not known if TANZEUM can be used in people who previously had pancreatitis.
- TANZEUM is not a substitute for insulin and is not for use in people with type 1 diabetes or people with diabetic ketoacidosis.
- TANZEUM is not recommended in people with severe stomach or intestinal problems.
- It is not known if TANZEUM can be used with short-acting or rapid-acting (lispro) insulin.
- It is not known if TANZEUM is safe and effective in children under 18 years of age.

Who should not use TANZEUM?

Do not use TANZEUM if:

- You or your family have ever had a type of thyroid cancer called medullary thyroid carcinoma (MTC) or if you have an endocrine system cancer called Multiple Endocrine Neoplasia syndrome type 2 (MEN 2).
- You are allergic to albiglutide or any of the ingredients in TANZEUM.

Before using TANZEUM, tell your healthcare provider about your medical conditions including, if you:

- have or have had problems with your pancreas, kidneys, or liver.
- have severe problems with your stomach, such as slowed emptying of your stomach (gastroparesis) or problems with digesting food.
- are pregnant or plan to become pregnant. It is not known if TANZEUM will harm your unborn baby. Tell your healthcare provider if you become pregnant while using TANZEUM.
- are breastfeeding or plan to breastfeed. It is not known if TANZEUM passes into your breast milk. You and your healthcare provider should decide if you will use TANZEUM or breastfeed. You should not do both without talking with your healthcare provider first.
- are taking a new prescription or over-the-counter medicines, vitamins, or herbal supplements.

How should I use TANZEUM?

- Read the **Instructions for Use** that comes with TANZEUM.
- Use TANZEUM exactly as your healthcare provider tells you to.
- **Use TANZEUM 1 time each week on the same day each week at any time of the day.**

• You may change your day of the week as long as your last dose was given 4 or more days before.

• If you miss a dose of TANZEUM, take the missed dose or TANZEUM within 3 days after your usual scheduled day. If more than 3 days have gone by since your missed dose, wait until your next regularly scheduled weekly dose.

• TANZEUM may be taken with or without food.

• **Do not mix insulin and TANZEUM together in the same injection.**

• **Do not share your pen or needles with another person.** You may give another person an infection or get an infection from them.

What are the possible side effects of TANZEUM?

TANZEUM may cause serious side effects, including:

• **Inflammation of your pancreas (pancreatitis).**

Stop using TANZEUM and call your healthcare provider right away if you have severe pain in your stomach and abdomen that will not go away with or without vomiting. You may feel pain that may go from your abdomen to your back.

• **Low blood sugar (hypoglycemia).** Your risk is higher if you take TANZEUM with another medicine that can cause low blood sugar such as insulin or sulfonylureas. (continued on next page)

What are the possible side effects of TANZEUM (cont'd)?

Signs and symptoms of low blood sugar may include:

- dizziness or light-headedness
- sweating
- confusion
- headache
- blurred vision
- slurred speech
- • shakiness
- fast heart beat
- anxiety, irritability, or mood changes
- hunger
- feeling tired

• **Allergic reactions.** Stop using TANZEUM and get medical help right away if you have any symptoms of an allergic reaction including itching, rash, or difficulty breathing.

• **Kidney problems (kidney failure).** In people who have kidney problems, diarrhea, nausea, and vomiting may result in loss of fluids (dehydration) which may worsen kidney problems.

Common side effects of TANZEUM may include: diarrhea, nausea, reactions at your injection site, cough, back pain, and cold or flu symptoms. These are not all the possible side effects of TANZEUM. Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

**General information about the safe
and effective use of TANZEUM.**

Medicines are sometimes prescribed for purposes other than those listed in a Medication Guide. You can ask your pharmacist or healthcare provider for information about TANZEUM that is written for health professionals. Do not use TANZEUM for a condition for which it was not prescribed. Do not give TANZEUM to other people, even if they have the same symptoms that you have. It may harm them.

What are the ingredients in TANZEUM?

Active ingredient: albiglutide

Inactive ingredients: mannitol, polysorbate 80, sodium phosphate, and trehalose dihydrate. TANZEUM does not contain a preservative.

For more information, go to www.TANZEUM.com or call 1-888-825-5249.

This Medication Guide has been approved by the U.S. Food and Drug Administration. Approved April 2014.



Manufactured by GlaxoSmithKline LLC

Wilmington, DE 19808

U.S. Licensee

Manufactured by GlaxoSmithKline

Research Triangle Park, NC 27709

TANZEUM is a trademark of the GSK group of companies.
©2014 The GSK group of companies. All rights reserved. JMS

©2015 GSK group of companies

All rights reserved. Printed in USA. 246561840 January 2015

This Old House on tablet



This Old House on tablet is available on the App Store® and Google Play®. © 2014 This Old House, Inc.

Don't miss out on

- **how-to videos**
- **extended house tours**
- **product recommendations**
- **other bonuses**
- **our tablet users enjoy every month!**

Visit thisoldhouse.com/allaccess to begin enjoying the tablet edition today!

Cottage dining room

Easygoing furniture and quirky, colorful finds liven up this informal eating space. BY KATHRYN DIBBLE-KRANS • PHOTOGRAPH BY ANTHONY TIELU

COTTAGE-STYLE is at its best when it's as light-handed as it is cozy. Take this dining room, in a Victorian-era house near the shore in Massachusetts. Looking to create a chattery room in which to eat with friends and family, owners Kirk and Chris Schwartz unwhitewashed the walls and the exposed framing for an *airy feel*. An oversized industrial pendant spotlights pale maple furniture—a farmhouse table with turned legs and Shaker-style side chairs. The watery blues and neutral grays on the close backs, striped rug, and fall-themed whale evoke the ocean nearby. Playful wall signs, comic bookarts, and vintage tableware keep things sunny, whatever the weather.

Want an equally spirited look at your place? Read on.

striped rug

Vintage with stripes add a nautical feel to this room. Blue and white flat-woven cotton rug, 6' x 9' foot rug, \$430, asymmetricaldesigns.com

GOT A ROOM WITH STYLE?

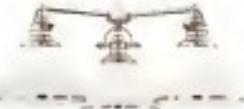


Share your photos and ideas for a chance to be featured in our next issue. www.hgtv.com/share

PHOTOGRAPH BY ANTHONY TIELU; STYLING AND DECORATING BY KATHRYN DIBBLE-KRANS; PROP STYLING BY JENNIFER COOPER; PROPS COURTESY OF THE VINTAGE CO., VINTAGE GLASS, AND VINTAGE SIGN CO.; PAINT COLOR IS SW 7304, COTTAGE COTTAGE BY BENJAMIN MOORE



folk-art whale
This hand-painted pine number is set in a buoyant four-legged base. \$34. folkfindsandfish.com



three-light pendant
Gessoed white glass shades on this silver finish fixture from Quoizel cast a wide glow over the party for a lot less than the homeowners' reproduction Heilighamer factory light. \$170. lightingclub.com



vintage-sign signs
Authentic estate signage from vintage parts is nearly as good as the real thing. The unreplicated route for a lot of cool \$18 and \$12. rempsigns.com



rustic runner
A length of yellow burlap is draped over the edges of this table, then tucked in at one end. For the low-cost price, doesn't it wear like a dream? \$1 per yard. handmadebycoco.com



dining table
Oak-tabletop mission-style base; round-top table, especially sturdy. \$190. pietlaren.com



picnic baskets
Vintage woven root hamper adds summery feel—and picnic-charming storage. We found the handwoven soft-line ones here at eBay for \$23 and \$28.



Shaker side chair
Basic and basic-seemingly simple base has been keeping diners company since the 1800s when the Shakers of Mount Lebanon, New York, developed the design. Get a authentic look with a kit (\$230). shakercrafts.com Among the pick: Maple-frame. \$100 to \$200 (each) (illustration: Shari Weissman; photo: Greg L.)



VIBRATION ABSORPTION



U.S. PATENT NO. 6,153,525



Energy Return

Proportion

Rate

SHOES THAT WILL CHANGE YOUR LIFE... GUARANTEED!

The Ultimate Shock Absorbing Footwear

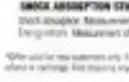
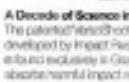
As featured in hundreds of magazines on radio and TV nationwide, Gravity Defyer® shoes are changing lives every day. They have become a comfort phenomenon, and are being used and recommended by professionals in hospitals, the food service industry, board rooms across the country and more.

A Decade of Science in Every Pair
The patented "Velocity Tech™" system was developed by Impact Research Technology and is also used exclusively in Gravity Defyer® footwear. It absorbs harmful impact reducing discomfort from every step while storing energy that gets you moving.

40% LESS Harmful Impact



*Offer valid for new customers only. 14-day money-back guarantee. Ships immediately after 10 days per order. New purchases are limited to one item per customer. Not combinable with other offers or discounts. See website for complete details.



Energy Return

Proportion

Rate

Velocity Tech

Standard Shoes

Velocity Tech

Space for the whole family

A young Colonial gets a knockout kitchen with views of the house's best feature—the backyard—and three separate bedrooms for the kids

BY JULIA CONNORS • PHOTOGRAPH BY ANTHONY TIGLI

THE SETTING was perfect. The house was not. That's why they bought Jeremy and Judy Keeler from buying their 1866 Colonial, in 2011. After all, a set on three-quarters-acre bordering 100 acres of conservation land in their down-the-narrow hood—"Jeremy had the vista right from the start," says Judy, recalling this on their first day he sketched out a plan for sprucing up the rest of the house to the wire. They moved in with their three young daughters and lived in the house for several years before starting the remodel.

The stunning result, seen here and on the current season of *TEH TV*, includes an 800-square-foot addition over the garage that created space for two additional bedrooms, a bathroom, and a spacious laundry room; a large, windowed kitchen; an expanded mudroom with access to the garage; a three-season porch and deck in back; and a welcoming porch out front.

For architect William Hubert, a key factor was making sure the addition felt harmonious. "The rooflines of the addition are designed very carefully not to overwhelm the existing house," he says. "We pulled back



LIGHT MEALS An eating area along the kitchen's new rear wall of windows stands to the left of the clearing room for everyday meals. Two sets of French doors lead to the deck and three-season porch, respectively.



GREAT ROOM GETS GREATER
Interior designer Robin Carlson envisioned the new media wall which features reclaimed wood panels that slide open on barn-door hardware to reveal the television mounting cabinet by Minutiae Design, preserving a traditional feel while offering a modernized storage for media and games.

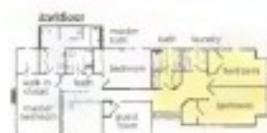


CENTRAL HUB Two children (adult [ADULT]-area) generate traffic
and interact with other children. The song for group 2 ends after where
the three girls sing together with their parents. Adult and singing Karen [SINGER]
Teachers such as interested materials/parts with decorative gridwork for
scrapbooks/binders and regular colors appear the style from the original
children, with its book look from ADULT/ADULT.

ПІДПАД
Відповідь
Лінійний
відповідь
PerlinNoise
відповідь

DR. KURT WILHELM
Signature
Druckvor-Druckvor-Druck
Name kann nicht ausdrucken
Anrede kann Druck-
Druckvor-Druckvor-Druck
Name kann Druckvor-Druckvor-Druck

FLOOR PLANS Building out the rear wall on the first floor accomplished a lot: separating the kitchen from the great room, back deck, and new three-season porch. The new three-season porch includes a bay window, a seasonal laundry, and a corner entrance with a built-in wineless unit.



EXTERIOR ENHANCEMENT The new gabled roof [ABOVE] was steepened, making way for an expanded kitchen, a three-season porch, and a new deck with stone or slate [ABOVE, LEFT]. A new firmer's porch adds a welcoming element to the front of the house, and its roof ties the old house to the addition above the garage.



DROP ZONE Cubbies in the mudroom encourage the girls to shed their gear before hitting the kitchen on the way in from the front porch. Garage access is around the corner to the right.



A ROOM FOR (MUCH) MORE Jenoff left the kitchen, the enclosed porch is now a mix of the year-thanks-to-a-electric radiant-floor warming and glass panels that pull out for screens-in warm weather. Shiplap-pane decking on the covered porch roofed ceiling creates a rustic look.

BATHROOM WITH ZONES The new second-floor bath serves the two new beds and the existing one old bath to the year-round girl and parents. A screen between the double sink vanity and the shower/tub/bathtub when they're more space, makes it easier for them to share the space.

CREDITS
ARCHITECTURE: HEATH KELLY DESIGN: THE KELLY DESIGN GROUP, INC., LOS LAMBIOS, CALIFORNIA
INTERIOR DESIGN: KAREN HARRIS BUILDING PRODUCTS, ROB H. ROSEN



UNIQUE ACCENT The bedrooms were designed to reflect the girls' personalities. Here, a polka-dot wall covering on the ceiling, a swinging chair, a piano, and whimsical wall decoupage make this lively and music-loving young girl's room.



the connector space and had the public staircase sweep down to the first floor to act like "An arch," he says. "At the back, the porch comes down another way for a 9-foot kitchen bumpout and a three-season porch, both with walls of windows for unobstructed views. To support the addition on a hill where digging a foundation was a no-go because of its wetland adjacency, TOH general contractor Tom Silvia used 11 concrete piers.

Fine-tuning the layout of the 22-by-24-foot kitchen also took some doing. Kitchen designer Michele Kelly, of Ventana and Company, landed on the idea of two islands as a way to create distinct zones for prep work and gathering. Now the Kavals have a proper cook's kitchen, not to mention separate rooms for the girls and a great room that works for day-to-day use as well as for entertaining. They can finally enjoy not only the perfect spot, but also the perfect house. ■

**We're All About Comfort**

The Company Store® has been synonymous with craftsmanship and quality for generations. Since 2011 we've been handcrafting our down comforters and pillows in our LaCrosse, Wisconsin factory—so nothing we couldn't do it ourselves and with a lot of expertise. Get 10% off your order + free shipping. Order now! **BLARNSON**. Offer expires 7/23/15.

Shop with us at thecompanystores.com

**Quality, Accuracy, Power, Precision**

Tackling a home project? Want power cutting? Then you need the 12" Double-Bit Miter Saw from **Harbor Freight Tools**. Miter, miter and crosscut with a powerful 2500W motor and dual slide rails. Use code 48467 Now to get this saw for only \$34.99 exclusively at Harbor Freight Tools. Offer valid in-store.

500 STORES NATIONWIDE!
HarborFreight.com

The Company Store

**Real Cleaning. For Your Real Life.**

Life is busy and you can't always have time to clean. Introducing new Clorox® Pure 'N Clean™ Triple Action Soft Wipes and BarnDisinfect™ innovative products from Clorox that make real cleaning simple and get you back to what you want to be doing—enjoying life.

www.clorox.com/products/more-products

**Abbey Carpet & Floor**

Whether you are remodeling your home or just want to give your favorite room a new look, visit your locally owned **Abbey Carpet & Floor** showroom to see the latest styles and finishes in flooring. We'll assure you it's not exactly what you're looking for, but perhaps that will make you smile!

AbbeyCarpetFloor.com

**Build a living wall**

Use pressure-treated lumber and galvanized planter boxes to erect a vertical garden filled with colorful greenery

BY KELLY HOPE • PHOTOGRAPH BY LAURA MOSS



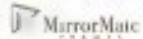
CREDIT: KELLY HOPE/STYLING: LAURA MOSS

TIME: 2 days

DIFFICULTY: Easy. Mounting the frame to the siding is the only difficult part.

**Frame that Bare Mirror!**

Is your bathroom fixture unattractive? Are the tiles deteriorating? Frame it up instead with a **MirrorMate** frame. It's like DIY frames you install while your mirror sits on the wall. The pre-taped frame pushes right onto the mirror. 65+ beautiful frame styles. Order complete and start your mirror makeover today! mirrormate.com

**Shelves that Slide**

Tired of getting down on your hands and knees to get that pot or plant? **Shelves that Slide** offers sleekly polished shelves, custom-made for your shelves. Do it yourself—and save with our pre-priced shelves—only \$199 each with shipping. Order online or call or visit for a free catalog 800.556.7399. shelvesthatslide.com



WALL MOUNT PLANTERS are ever more popular in cities, where homeowners gardeners must make use of every inch of outdoor space. But their appeal stretches well beyond the urban jungle. A striking fixed installation can brighten a long blank wall, take advantage of sunlight that never reaches the ground, and, best of all, keep you off your lawn. Our original design is a simple grid with lattice sections for climbing vines and horizontal rails that function as front shelves, making it easy to change the position of planter boxes or bring them indoors for winter—great for, say, tender herbs. Follow along as senior technical editor Mark Powers walks you through the steps to becoming a vertical gardener.

PHOTOS: GARY JANE/WILDERWOOD; FROM SLD.MERCHANDISE.COM; PENSACOLA; JOSEPHINEDEAN.COM

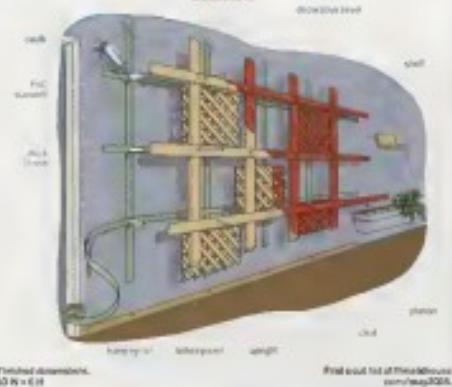


DAY-TO-DAY
TIMELINE

SATURDAY Build the frame and shelves (Steps 1–3)
SUNDAY Hang and plant the garden (Steps 4–5)

SOURCE: JEFFREY

DICKSON LEE

Finished dimensions:
30 W x 6 H

TOOLS

- stud finder
- laser measure
- 4-foot level
- clamps
- combination square
- circular saw
- miter box
- drill/driver
- 5/8 by 1/4-inch
- drill bit
- shaker case

MATERIALS

- 1x6 pressure-treated pine. Get four 12' boards for the frame.
- 1x4 pressure-treated pine. Get four 12' boards for the uprights.
- 1x2 pressure-treated pine. Get one 12' board.
- 2x6 lumber. Get four 6' boards.
- deck screws
- glue
- exterior wood stain
- exterior grade resin
- chip brush
- plants
- potting soil
- planting mix
- green vinyl plant tape



1 SIZE THE FRAME

- A **Layout the grid.** Lay out the studs on the interior and mark them with painter's tape. Now use the 1x2 as a survey stick for pinpointing the locations on the exterior. Even up the end of the stick with the pins of a door or window handle, insert the stud locations on it, then take it outside, line it up with the same studs and transfer the marks to the siding. Now use painter's tape and the 4-foot level to cleat the planter frame on the siding, aligning it with two of the verticals with shims.
- B **Make the cuts.** Clamp a 4x6 to the edge of work surface, mark the center line at the 6-foot mark and end, then set the combination square to 1 inch and set its metal corner perpendicular mark across the first line. Set the circular saw to cut at a 45° bevel. Adjust the fence so that the blade hits the intersection of the two marks and rip down the length of the board, as shown. Each beveled half is a single hanging rail. Cut them to the desired length and save the ends to make planter and shelf cleats.

PHOTO BY JEFFREY DICKSON LEE

2 BUILD THE FRAME

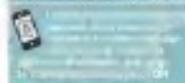
- A **Mark for the uprights.** Use the circular saw to cut the uprights to length, adding a 1/8-inch overhang at each end. Gang the rails together on the work surface, bevel-up and ends flush. Use the combination square to mark where the uprights should cross the rails, based on your layout, then file up a 1x6 scrap with the marks and draw a line across the board faces.



- B **Frame the rails.** With their beveled edges facing apart, butt the rails to create equal spacing between them, making sure they're at least 12 inches apart to allow room for the plants and planters. Lay the uprights across the rails (either inside) with their beveled ends facing down and overhanging the top and bottom equally. Drill two pilot holes through the uprights into the rail at opposite corners of each intersection leaving the center clear for the structural screws. Fasten the uprights to the rails with 1/4-inch deck screws.

- C **Finish the frame.** Measure the spaces that you want to cover with lattice, and add 1 inch to all four sides to create an overhang for the planter boxes. Mark a sheet of lattice, clamp it to a work surface, and cut the panels 6 inches wide with the circular saw. Drill pilot holes through the top layer of lattice and into the uprights, countersinking them with deck screws. Seal the finished frame by brushing on two coats of exterior stain, allowing the first coat to dry before applying the second.

SHARE YOUR DIY PROJECT!



3 BUILD THE HANGING PARTS

- A **Make the planters.** For the cleats, cut seven of beveled 1x6s slightly shorter than the width of each planter. Cut a 5x2 nailing block the same length as each cleat. Sandify the sugar lip off the planter between the nailing block and the cleat, with a 1x6-level plane and facing the planter. Clamp the panels together and drill pilot holes through the cleat and planter and into the nailing block. Fasten cleat to block with deck screws (www.woodsmith.com).

- B **Make the shelves.** Cut a 2x4 piece of 1x6 and one 2x4 to length, as well as a beveled cleat. Apply wood glue to the edge of the 1x6 and clamp it against the face of the 2x4. Drill pilot holes through the 2x4 and into the glued edge of the 1x6, and join the two pieces with deck screws. Fasten the cleat to the back of the shelf with deck screws, as shown.



4 MOUNT THE FRAME

A Drill pilot holes. Measure from the deck or the ground up to the bottom of the first rail and cut two 2x4s to that length. Cut four more at least 4 inches longer. Paint the unweathered boards; even them up at one end and fasten them to the wall with 2½-inch screws to make two braces. Use them to prop the frame in place against the wall. Fit your drill/driver with a ¾-inch-long countersink bit. At the center of each rail, upright intersection drill a pilot hole through the frame and siding and into the stud, as shown. **B Cut the standoffs.** To find the angle of your railing, butt a short piece of scrap against one course where it dead-ends and toenail. Use the trim as a string to mark the scrap, and use that pencil to adjust the miter saw blade to the correct angle. Cut 4-inch standoffs from 1-inch PVC pipe; see our next instructional scene.

making a straight cut on one end and a beveled cut on the other to match the angle of the railing. **C Hang the frame.** Find the intersection at the center of the frame end and drive a structural screw through the pilot hole and the PVC standoff until its top extends slightly past the standoff. Find the pilot hole in the siding with the tip of the screw. Run a bead of latex caulk around the beveling of the standoff, and drive the screw into place. Check the frame for level and secure the rest of the intersections the same way. Remove the braces.

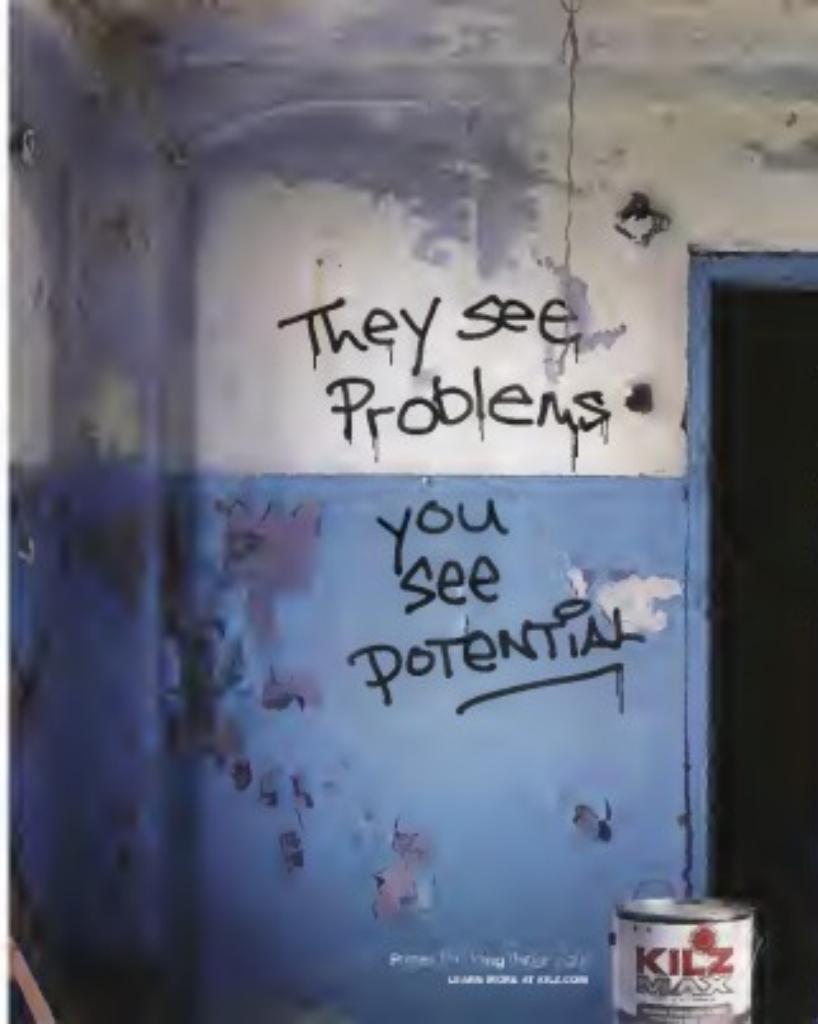
SEE HOW IT'S DONE:
To watch an experienced
prospective install, go to
thisoldhouse.com/may2015



5 PLANT THE GARDEN

A Fill the planters. Fit your drill/driver with a ¼-inch-bit and drill a series of drainage holes in the bottom of each metal planter. In a bin, combine 2 parts potting soil with 1 cup peat moss, and fill the planters with the mixture. Make holes in each of the plants' plastic pots, and then plant the roots in the soil, tamping it down firmly. Cover the roots with the soil in the hanging rods.

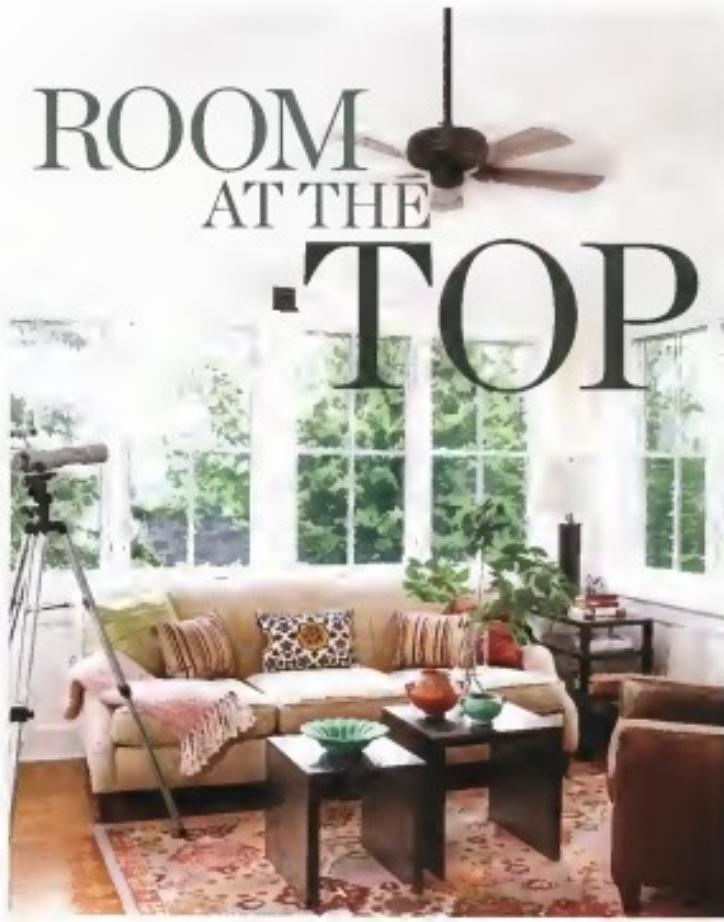
B Hang the planters. Arrange the planters and shelves by propping the beveled edges on the hanging rods. Position climbing plants such as vines, wisteria, Boston ferns, and ivy using vinyl plant ties. Securely hanging sleeves to the lattice tie-in plates. Water the plants generously, especially if kind, and enjoy watching them grow! ■



Paints for Living Better™

LEARN MORE AT KILZ.COM

ROOM AT THE TOP



An imaginative tower addition opens up the floor plan of a classic American Foursquare and enables a longed-for view of a nearby landmark



VIEWFINDER A lookout tower added to the Arlington, Virginia, home is connected with a sitting room. OPPOSITE: Built in 1905, this windowscope provides a glimpse through the trees of the Washington Monument, 4½ miles away. As part of the renovation of the existing 2,200-square-foot home, the front porch was extended to wrap the house on one side.

By Michael Lassell | Photographs by Helen Norman
Styling by Susan Victoria

P

PEOPLE BUY HOUSES for different reasons: location, size, price, style, as an investment, or because they fall in love with a room, a fireplace, a staircase, or a porch. For Terry Guy and Mike Matlins, it was all about the view.

On a spring Sunday several years ago, Mike drove by a sign for a real-estate open house at a stately American Foursquare just three blocks from their townhouse in the Chevy Chase neighborhood of Bethesda, Virginia. He went back to get Terry, decking, "Let me take you to the house we're going to buy." Later that afternoon, the two climbed up the top of the old house, up a rickety wood ladder, to an attic deck without a railing. And there they discovered, much to their surprise, a view of the Washington Monument, some three miles distant, from an east-facing dormer. That view sealed the deal.

Built in 1915, the symmetrical house had the classic

MOVING UP: The lower addition required shifting and widening the exterior staircase. **BELOW:** A view of the porch. This resulting "four-eighths" circulation plan means that there are dead ends in any of the public rooms in the first floor. **ABOVE:** Living furniture bridges the old and new spaces.



SHARE YOUR
REMODEL

Photo by: [Jill Reger](#)

Submit your before-and-after photos to [Remodelista.com](#) for a chance to win \$1,000 and have your project published online.



configuration of four rooms downstairs and four up, plus a dormered attic under a hipped roof and an ample front porch. But it was in pretty shabby shape. "There was green shag carpet everywhere," says Terry. "The kitchen was outdated, the bathrooms were dingy, and the porch was headed downhill because the joists were falling out from under it." At some point in its mostly unoccupied history, a two-story porch-like structure had been slapped onto the back of the house, held up by a brick foundation.

"It was poorly cared for, but it had good bones," says Charles Moore, the local architect the couple hired to transform the four-story. "Under current zoning laws, you could never build that house today," he adds. "Seismic requirements would have the walkways running halfway through the living room."

It was Moore's special interest in historical houses that appealed to Terry and Mike to start their search for just the right person to help them go for the large, open-chef's-kitchen, gracious master suite, and top-floor lookout

FLOOR PLANS

A spacious kitchen and master suite were added in back; the former with a built-in breakfast nook, a second-floor bath, and a top-floor lookout room, which connects to an office carved out from former attic spaces.



SECOND FLOOR



THIRD FLOOR



FINISHING TOUCH: The homeowners chose dark wood blinds for the family room—and all the rooms in the house. They're masculine and airily, says Mike. "We feel they fit appropriate to the house."



COZY YET OPEN The dining room gains new warmth with a high pedestal to showcase the homeowners' artwork. The opening to the living room (in the background) was widened for better circulation. Painting of the artwork while it hangs helps keep the interior light and airy.

they were able; all while preserving the house's original character. To round out the renovation team, they called in Falls Church, Virginia, contractor Galath Naasz, who worked frequently with Moore.

The renovation of the existing structure, which rose from a 20-by-25-foot rectangular footprint, was to consist of a new circulation plan for the main floor, widened doorways between rooms, and new doors and windows throughout. Walls would be stripped down to the studs; the baths would be completely overhauled. Adding another layer of concern, the house still had its original lead-and-slate roof, with much of the insulation fibrously frayed. "Seasone tried to cover in a lighted heat-not fire instead of light," says Terry.

This would be no historical restoration, but Moore is known for going to some lengths to convert modern

day environments. "Our goal was to create a house that would be relevant for the next hundred years," he says. "In a house of that character, I try to hide everything to do with the mechanics. In the upstairs hall, we designed a central ceiling that looks like a pure design feature, but I did it to hide ductwork. I like those kinds of solutions, changes that look like they were done for aesthetic reasons but that secretly solve a problem."

Moore also likes to replace materials in kind, where it makes sense, "for a more seamless integration of old and new." That meant using wider 48-inch trim boards around the new windows instead of mere common 3½-inch trim, and French window stools instead of 1½. While Mike and Terry were proponents of floor-concrete siding, Moore convinced them to go with more familiar cedar clippings on the exterior, accented with operable



WHAT'S COOKING
Mike and Terry's dining room is the focal point ABOVE, while partner Terry-Goss shows him an Spring-green cabinet that gives the kitchen a spa-like patina. RIGHT: Granite marble tops the island. The rest of the counters are honed Absolute Black marble. LEFT: A shaped-oak French-style paneled armoire compensates the room's traditional styling.

wood shutters. "They make their decisions from the perspective of what they believe is best for the house," says Terry, of working with Moore and Naasz.

Two additions would increase the living space from 1,810 square feet to 3,054. One would consist of an expansive kitchen-dining room with a master suite above it, in place of the flimsy back porch; the other, an innovative tower on the east side of the building, connected to the front by the rebuilt porch, would contain a small library on the main floor, a new spacious half-bathroom, and a lookout room, to maximize the view that sold the couple on the house in the first place.

Arriving at a plan everyone could agree on took a little time. "The way Charles and Galath worked together," says Terry, "was to wade in deep. They would just ignore us until we came around to their way of thinking. And they didn't always agree with each other, which was fun to watch. Usually the decision that was ultimately made was the one that cost the most."

"That's kind of true," says Moore. "I mean, we did listen to them, of course—they were outstanding clients,



BEAUTIFUL RETROFIT
The new master bedroom is focused above the family room in the rear addition. Anterior midcentury details were replicated in blues; only correct proportions apply to the home's aged architectural style.

SHOP THIS STYLE
To find something similar to what's used in this house, go to www.morrellhome.com.

But sometimes the first idea a homeowner has to solve a problem is not the best one. The tower, for example, was a way to access that view of the Mtns. Their original idea, a screened porch—which they could only use for half the year—wasn't the best way to provide what they wanted.*

As in nearly all renovations, there were some unhappy surprises during the 15-month process. "I got a call one day that they were working on the foundation and part of the wall fell down," says Terry. "When we got to the house, it was being held up by a single 2x6."

"That was not a good thing," says Moore. The existing foundation was poured-in-place concrete rather than block, which was a relatively modern innovation at the time the house was built. But the foundations did not have much engineering in terms of steel reinforcement. When they were pouring the foundation for the addition, which went deeper than the original, the back wall of the old foundation fell into the new one.

For Moore and Nassau, the more challenging aspect of the project was reiterating the necessary headroom in extending the floor staircase to the new lower-level room and art office. The solution needed to solve the practical issue of access, bridge the new space and the existing roof, and be visually pleasing. The architect came up with what he describes as "stepped dormers,"

adjacent to the new tower, which replaced the existing east-facing dormer. "That's clearly a modern assembly," says Moore, "but I'm very pleased with the horizontal slot lines you see in the front, and the three intersecting peaks you see from the east." The seeming ease of that transition of old and new below just how complex can make the actual fabrication seem.

Similarly graceful solutions made the house pay homage to the original structure while making the house livable for today. "One of the things we like most about the renovation," says Terry, "is the way Charlie managed to respect the proportions of the original rooms even while making the pass-through wider and adding a kitchen space that is much bigger than any foursquare would have had."

"With a modern kitchen in an old house," says Moore, "you inevitably wind up with a 'transitional' space, and you need to balance the commonality with the historic, the modern and, say, with the common evil work. We didn't attempt to hide the stove or the refrigerator, but we did panel the dishwashers, in order to have consistency in the lower cabinets. In a house of this period, of course, you would not have had a single, open space without any separation between the cooking area and the family room. We wanted to respect the house



and its history, but we also wanted it to be practical."

As for the tower, it is hardly an accurate period element, but it is not without precedent, either. "This term 'house in New England' didn't have a kind of tower," says Moore. "It was probably more limestone, probably Vermont, but it gave me the idea of a way to provide the room with the view on top and at the same time provide extra space on all the floors."

So what暂且称作 his/her newly expanded and upgraded home yielded? "Sitting on the front porch and chatting with our neighbors walking their dogs at night," says Mike, adding that the house has been on a couple of house-and-garden tours, "which has really given us a sense of belonging to a community."

But it's the tower room that's the incomparable standout extra, offering an overview of the neighborhood through the terrace, a glimpse of the city skyline at night, and a perfectly framed view of the Washington Monument. It has another advantage, too, during the annual fireworks displays. Says Mike: "When it's 90 degrees out, with 90 percent humidity, it's perfect for watching the Fourth of July fireworks." ■



OLD LOOK, NEW COMFORT The new master bath, TOP and ABOVE, evokes a time gone by with patterned sinks, built-in storage, marble mosaic tile, and paneled-style paneling. RIGHT: A side portion of the rebuilt front porch added during the renovation is accessible to allow the homeowners to enjoy low-key summer evenings alfresco. The porch railing is painted a traditional blue.





THE LOOK FOR LESS

Find the best deals on the products you love.

YOUR KITCHEN MUST-HAVES FOR LESS

Oversize pendants, open shelves, pro-style ranges, patterned cement tile. One look at [Pinterest.com](#), and you'll find page after page fueling these cook-space trends and more. They look great in pictures, sure, but will they work for you? Read on for **SMART ADVICE** and **MONKEY-SAVING TIPS** that'll help you bring the look to your house.

BY DEBORAH BALDWIN

MUST-HAVE #1 STATEMENT LIGHT FIXTURE

A high-profile pendant can do more than provide task lighting: It can inject drama and style into any workspace.

BE SURE TO KEEP IN MIND...

- > **Size:** No wider than the surface it's illuminating, designers say, but large enough to make an impact. A less ornate single pendant can look tiny. (See Kara Kunk, an architect in Brooklyn, New York, hangings on [designerstogo.com](#).) To give clients a sense of scale, underpin operation.
- > **Support:** If it weighs 50-plus pounds, a standard wastebasket won't hold it; you'll need to install a fan brace. (See how at [thesoldhouse.com/may1513](#).)
- > **Height:** "Never hanging above the top of the cabinets—that off-balances the room," says Charlie Gurnee, a lighting pros in New York City. But not

too low either. April Powers, an interior designer in San Francisco who works with lighting, recommends 40 inches above the island so that the fixture won't shade the light like a canopy standing. (For the sake of those who sit, bustle should not be visible from below.)

- > **Wattage:** To add a layer of function and light while also achieving a mood lighting, Gurnee recommends a pendant bulb (off-white light). Along with design, character to the space, the fixture should be able to handle 300 watts and dim down for intimate meals.



MUST-HAVE #2 WARM WOOD FLOORS

With their rich look and timeless appeal, they're as easy on the eyes as they are on your back—and they may just save your dropped crockery, too.

BE SURE TO KEEP IN MIND...

> Quality: Unlike the wood

floorboards expand and contract with the weather. Soft woods like pine are especially vulnerable to bending and knot trouble, hard woods with tight grain like red oak are less likely to show damage.

> Options:

They include solidwood, either factory finished—planned to fit perfectly and sanded accordingly—or finished after installation. A pro can help weave in new planks and finish them so that they look less, well, new. The best DIY option is factory-finished prefinished floorings with a real wood veneer. And if you love the look of aged planks, know you'll pay a premium for extra-long, random-width, or wide boards.



THE LOOK FOR LESS

> Finished: If you're finishing an existing floor, go for a semi-brilliant matte finish in a light-to-medium color—it's less costly and easier to touch up than polyurethane. See the Rubio Monocoat's NaturalOil, which is VOC-free, from \$25 per gallon. (www.rubiomonocoat.com) **> Reclaimed:** Dark stains are more likely to show dirt and scratches.

> Prefab: "Arrange it in front of the sink and catch water and peeling the fields," says Joe Schreiber, an architect in Royal Oak, Michigan. Your verdict: a small mosaic-tile basin setup. It's meant to catch water and easy to clean off, and spaces wash off under the tap.

MUST-HAVE #3 AIRY OPEN SHELVES

Restaurant-style shelves lighten up a room and provide easy access for items you use every day. And no small thing: They cost less than cabinets.

BE SURE TO KEEP IN MIND...

> Style: Many look to the space you're giving a freehouse vibe. Try square or plank designs to look rustic; or, as we have, floating shelves have a contemporary look while wood cutouts can make open shelves feel more traditional.

> Display: "Like the look of kitchen things? Then red and yellow" says Anne Matson, an architect in Lexington, Virginia. But when set in a pale or cream-colored room, it's a great neutral. "It's very earthy," says Ruth. "In a room where it's bright, it's bright, but it is a little different at home." That's a plus. In cold winter months, red offers a cozy contrast keeping a darker closet afloat.

> Alternative: To get the look without getting expensive layers of glass shelves, Matson favors removing the doors which you can do in late afternoon. "You could still use the door to make them stand out," she says, "and you change your mind later, you can put the door back on them." Before removing glass, consider digging up some information, it was too well-made. The interior may not be as well-made as the frame.

> Support: Like shelves, open shelves which are generally about 12 inches deep, require tension support brackets which hold the weight anchored to studs every 18 inches.



THE LOOK FOR LESS

Make chunky floating shelves and save the cost of brackets. Cut a 20-inches-wide board four times to create long lengths and nail them onto threaded steel rods anchored to the wall framing. Find the how-to details at ThisOldHouse.com/may2015.

MUST-HAVE #4

HIGH-END PRO-STYLE RANGE

With their fat knobs, peg legs, and gleaming finishes, these showstopping appliances can make even non-cooks envious.

BE SURE TO KEEP IN MIND...

- **Power:** Pro-style ranges and these fire-breathing ranges generate more heat than the average family needs. "One high-flame burner is a good thing," says Mark Bittman, author of *How to Cook Everything*. "But we? That's crazy—what does six?"
- **Ventilation:** For every 10,000 BTU, you have to be able to move 100 cubic feet per minute (cfm) of hot, smoky air. When moving 100cfm, an inline makeup air must be brought in from outside.

► **Space:** More often than it guarantees that extra heat, comes to when more quickly than independent tests. If speeded-up the oven—say your pots and pans fall over—you'll do better with a range and a cooktop, especially if you're not poised for gas. Keep in mind that it usually requires a 240-volt line and a dedicated circuit.

► **Placement:** Pro-style ranges look best against the wall, creating a stunning front profile, but you may be better off with a cooktop. For one, says Mark Bittman, you'll get a larger, deeper undercounter if you opt a cooktop at least 36 inches wide. You could also move the range to an island. "You don't want to turn your nose to your guests." With an island cooktop, you can communicate "she suggests adding a slate or terrazzo countertop and experience the cozy glow in the basement."

► **Weigh:** It's a secret to sound out the jets. (New 30-inch ranges can weigh more than 500 pounds.)

► **Decompose:** Some high-end ranges lack self-cleaning ovens. And those heavy cast-iron grates have to be lifted—so it's no surprise cleaners But think it'd fit the way you want to open Robin Royals' range? If you want to keep it bullet-proof, here's how to clean it off.



BE SURE TO KEEP IN MIND...

- **Weight:** They are heavier than their ceramic-tile cousins. A typical 8-by-4-inch tile is 16 inches thick and weighs 3 pounds.
- **Surface:** Because cement is notched, it requires applying a sealer/sealant before grouting; the sealant protects the face from grout and moisture intrusion.

► **Shipping:** Ceramic tiles are usually shipped in boxes and come in various sizes and colors. Ordering online? Consider buying 25 percent extra since tiles can warp during shipping. The bottom line: If it runs about \$1,000 to \$1,500 to buy and ship it for a 40- to 50-square-foot backsplash.

► **Installation:** This takes best done by a pro. But if you want to DIY, check the

MUST-HAVE #5 CEMENT-TILE BACKSPLASH

Designed to create colorful all-over patterns, these matte-finish tiles deliver a major style punch.

THE LOOK FOR LESS

Like the porcelain-tile-based versions, these cost less than 100 bucks a square foot. The 12x12-inch medallion pattern, shown above, with a 4-inch-by-4-inch border—like Porcelain Plus' 30-inch tiles at \$1,750—have floor tiles.

► **Weight:** They are heavier than their ceramic-tile cousins. A typical 8-by-4-inch tile is 16 inches thick and weighs 3 pounds.

► **Surface:** Because cement is notched, it requires applying a sealer/sealant before grouting; the sealant protects the face from grout and moisture intrusion.

► **Shipping:** Ceramic tiles are usually shipped in boxes and come in various sizes and colors. Ordering online? Consider buying 25 percent extra since tiles can warp during shipping. The bottom line: If it runs about \$1,000 to \$1,500 to buy and ship it for a 40- to 50-square-foot backsplash.

► **Installation:** This takes best done by a pro. But if you want to DIY, check the

bright of your cabinets or shelves, as you may be able to pull out the tiles to avoid having to trim/grout along tiles and around corners). Measure out from the center (allowing for the most grout lines). Any tile on the tile should be oriented like a brick on an edge. If it's supposed to go down the end of a row with solid-color tile or visual tile, or paint them the same color as the wall. You can always keep each down by lifting only behind the stone or doing a single accent wall.

► **Alternatives:** Ceramic and porcelain look alike now offer consistent color and no need to seal. They are DIY friendly. We like Porcelanosa's L'Antique collection, \$33 per square foot, porcelanosa.com.



THE LOOK FOR LESS

For a big impact with no commitment, try peel-and-stick vinyl tiles in colorful tile-like patterns. With DIY installation, it's about \$5 per square foot, and it stays clean with soap and water. Porcelain (left) by Walltastic, \$79 for a 24-by-96-inch panel; atg.com.



MUST-HAVE #6 MARBLE COUNTERTOPS

This natural stone is prized for its cool touch, luminous look, and warm patina—no wonder it's a staple of bakeries and churches

BE SURE TO KEEP IN MIND...

- Color Consider the colors it finds at many home centers. It's about time that most of purer-white varieties, such as Carrara, worry less about wear and tear.

- Durability Given four times as year seal the porous surface by rubbing in a silicone impregnator with a white-wool cloth. Top up with spills (yes, you will, eventually). Given it's usually sealed.

- Coverage If you're on a tight budget, consider the cost of marble-like vinyls that offer the durability of granite, but expect to pay it much—most—is for interminable lush marble.

More: marble alternatives Quartz, which is man-made stone made of stone dust suspended in a bonding resin, has a convincing sheen and starts at \$60 per square foot. Options include Perla, from minimalist luxe Calacatta Nova, from [concretesolutions.com](http://www.concretesolutions.com), and Cashmere, from [tremco.com](http://www.tremco.com).

THE LOOK FOR LESS

Along with stone, more convincing marble look laminate. Formica offers edges with the appearance of polished stone. You can get real stone. Dennis Morris (left) and Colleen (right) countertops with [Tremco](http://www.tremco.com). From \$30 per square foot, installed; tremco.com.

MUST-HAVE #7 A MULTIFUNCTIONAL ISLAND

This central area for meal prep and socializing is the new hearth of the home

BE SURE TO KEEP IN MIND...

- Size Function will dictate the size of the base (a 48-inch base is ideal), but don't go too wide. You want to be able to move across the island. A 20-inch counter height is standard (less than 30 inches is ideal for standing or rolling-out dough), and it's best to have it higher, around 32 inches. And a good rule of thumb is one inch for seating at a bar.

- Top Before deciding on dimensions, factor in materials. "If you want a natural stone top, a natural stone border is often very expensive," says Karto. "Otherwise, you may have noticeable seams." Pay attention to slab length as well. (See "For experienced stone," below.)

- Clearance Required room around the island. Four feet radius for bar stools, but "I like 5 feet between seating and the frig so you don't have to stretch over to get up when someone goes for a drink," says Saksena. Watch out for swaying dishwater doors and roofs. "If the island is also from the perimeter, we'll take a Prozent to save health." (Helpful clients get a cut of the flow, she remarks.) Calculate differences on the floor with pencil or a tape. "An hour or two spent doing this saves you lots of grief," she says. "We do this little time with pencil."

- Seating Allow 20 inches between a stool or chair seat and the island so that legroom isn't compromised. It's nice to have a perch seat. Saksena says no one likes to have everyone stand up while she sits down at the back of the cook's line. He likes the idea of the family dinner he once mentioned as a need to sit here, or just make enough for an 18-inch base cabinet and two 12-inch overhangs. You need 12 inches," he adds. Not only is comfort but also you can slide the stools in when not in use.

- Styles In an open plan, consider contrasting finishes on one side and decorative elements, such as breakfast panelling, and open the vises on the side facing the living space.



THE LOOK FOR LESS

Top: [Formica](http://www.formicagroup.com); bottom left: [Tremco](http://www.tremco.com); bottom right: [Kitchen Island](http://www.kitchenisland.com). Bottom: [Kitchen Island](http://www.kitchenisland.com).

19 BUDGET-SMART BATH UPDATES

Put some wow in your washroom with these clever, affordable makeover ideas. STARTING AT JUST \$4

BY MICHELLE BRUNNER

SET A SERENE SCENE

1. TAILORED TREATMENT A crisp window covering like this Roman shade makes bath time more relaxing and introduces color and pattern. Window firs can enhance privacy or brighten up a shower. Similar to shown: Candy Stripe in Kew Green Bluberry Fabric, \$20/5-yard, [butterdrapes.com](#). Free tutorial on making a Roman shade from [hgtv.com](#); click [this link](#) for a 4-by-6-foot pdf; [hgtv.com/pdf](#).

2. COLORED CLAW-FOOT Make your bathtub a focal point by painting the outside a striking hue like this sea green. Similar to shown: All Surface Enamel Oil-Based Paint in Teal, \$23 per quart, [stephen-williams.com](#).

3. STREAMLINED SINK Add a modern rectangular vessel sink to the mix—a clean line provides a nice counterpoint to the curvy old-fashioned tub. Similar to shown: 16-inch Glass Vessel Sink in Brushed Nickel, \$167, [lowes.com](#).



ADD UNEXPECTED TOUCHES

4. VINTAGE-INSPIRED VANITY Give a pedestal sink classic style at an affordable price with this option, which uses simple and sturdy glass knobs instead of ornate. Similar to shown: Vintage-style, starting at \$75, [target.com](#); [Grosfillex.com](#); [ebroba.com](#); [decorama.com](#).

5. WOOD COUNTERTOP Renewed wood is the breath of fresh air in a bathroom, as seen here, and a wider, rounded silhouette, acrylic, or long, thin finish. Better yet, around the faucet, use basic solid-wood-finish laminate. Continue either material up the wall in a cool take on a classic washstand stand. Try *Hawthorn* in Autumn Maple, from \$14 per square foot, [unitedwood.com](#).

6. TILED BACKSPLASH Brighten up a dimly lit room with a backsplash that's seven inches tall. Use tile to create an eye-catching border. Like this backsplash? Similar to shown: *Cream Cappuccino* [Glossy Subway](#) Mosaic Tiles, 12-in. by 12-in., \$13 per square foot, [homestead.com](#).



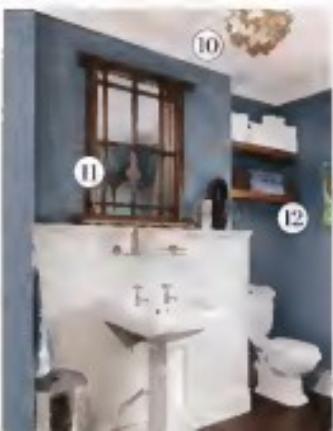


REINTERPRET THE CLASSICS

7. COTTAGE-STYLE CABINET Save money—or \$1113 more—by opting for a wall-mount medicine cabinet, which is easier to install than a recessed model. Similar to the one shown, Zenith Medicine Cabinet, \$120, westfor.com

E. STANDOUT LEDGE One substrate tile recessed with a 50% decorative ledge. The ledge is: Triple-sided one-piece baseboard with rounded vertical profile and recessed molding where it's back-set. Oak baseboard: \$21 per 8-foot length pine-sawn molding: \$3 per 8-foot length
www.homedepot.com

2. MARBLE HEX TILE: Add a luxurious feel underfoot with mesh-backed marble tile featuring Impression 3-millimeter gauge. Similar to other Giorato Marble Hexagon Mosaic Tile, \$30 for a 0.984-square-foot sheet; marbleonline.com



BRING IN WARM ACCENTS

10. PETAL-POWER PENDANT Believe the rustic look of a wood frame mirror and shelving with a delicate hanging light made of Steele's Capo pendant. \$70. worldmarket.com

11. WINNOW MIRRORS Inject some architectural character into the space above your bed with a unique statement mirror. Similar to shown: Reclaimed PalletWorks Hanging mirror

12. WOOD SHEDS Top an off-ignored storage area—directly above the tools—with shelves that are a cinch to DIY. Catalog beams to save and plan them, and support with 1x6 brackets at both ends. Similar to shown: 8x12 Douglas fir boards. Silver 8-foot length: homedepot.com. Minwax Gel Stain in Chestnut \$30 per quart; at hardware stores.



TIE IT ALL TOGETHER

XX-LIBRARY LIGHT Invata a sconce with an articulated arm above the media room cabinet for a style based. It's a just as great at providing effective task lighting at the bar and it's illuminating bookshelves. Similar to shown: House of Troy Hyde Park sconce 3206; www.housetroy.com

14. DOUBLE-DUTY FABRIC Take a cue from designer accents and switch the material of your shower curtains. Lightweight cotton won't block light and is easy to launder. Just be sure to hang a waterproof liner behind the shower curtain. Similar to shown: Porcelain Check by Michael Miller. \$30 per yard. [michaell.com](http://www.michaell.com)

25. DIY BIRK STAND Build a simple table like this one by rounding an edge-glued panel over 8"-dia legs reinforced with corner braces. Finish with a cheery coo-coo-clock-style of glass. Invert a crisp, clean basin or a statement-making vessel with like this one—just place the stand at height accordingly. Similar colors to shown: [Autumn Blue & Tropical in Glass](#). [Morning Star](#), \$25 per square foot, [perennials.com](#)

SURPRISING STORAGE

15. BATH FRIENDLY BAR DART Who says one of these buildings should only be relegated for coastal haul? Who'd want the washroom for mobile bowel-and-bladder storage. Similar to above, Newbury Cart starting at \$2899 as shown above, exclusive costs.

12. CUSTOMIZED PAILS Galvanized steel buckets can do more than hold gardening tools or ice-cold drinks. Personalized with paint, they are the perfect centerpiece for a summer party. Similar to shown: Behr's 12-quart bucket, \$10; [lowes.com](#)

LI_TOWEL TRADE A protot in solvent in the entryway
meets with a hospital administrator that looks for hospital-wet
towels. One with engraved storage is given—handmade—then
the unprinted stand holds a fresh supply down below. For a
similar solution, try [interchangeable towels with Motives and books](http://www.towel-e.com).
three-tier tower shelf and coat rack. \$129. Overstock.com

VINTAGE DRESSER A vintage dresser found in Goodwill's website (or on Craigslist) can be unexpected and elegant addition to the bath. Take out the hardware (sheepdrawers offer ample linear storage), while delicate lighting keeps the pieces from taking too many and overwhelming the room. ■



four-season star

A garden designer pairs easy-care shrubs and colorful containers for a home garden that wows year-round

By Therese Ciesinski
Photographs by Jerry Pavia



A
LOCATE THE
PHOTOS ON
THE GARDEN
PLAN PAGE 18



B

Paver beds and boulders define the landscapes in this Spokane garden. LEFT: Japanese Maples (Acer palmatum), a blue-flued Camassia esculenta, a sterile Shasta Daffodil, a hybridized Daylily, and a yellow-flowered Ligustrum ovalifolium var. 'Aureum' (privet). ABOVE: In the background, a native tree is a three-tiered yellow-flowered Salal (*Gaultheria shallon*) and a native Hemlock ('Picea engelmannii') under "Big Sky" Sedum (*Hylotelephium spectabile*). In the middle and foreground, Siberian Squill (*Muscari sibericum*), hostas, and variegated Euonymus (E. fortunei 'Variegata') grow.



C



D.

It's the holy grail of all garden designers: a low-maintenance, low-impact landscape of sturdy, reliable plants whose colors and textures evolve throughout the seasons, a place where everything seems to sit together just right.

When Spokane landscape architect Barb Schenck began transforming her deck into the inevitable garden that's compelling all year round, she knew she was in for an adventure. Ten years and tons of trial-and-error later, the garden is now a soulful, elegant space anchored by dwarf trees and shrubs that provide structure and punctuated with fast-growing perennials. It's a masterful mix of bold colors, dramatic foliage combinations, myriad shades of green, sculptural shapes, and especially drought-tolerant specimen plants that pretty much take care of themselves.

ABOVE: Schenck sets the tone for the front gardens. Pavers lead to a tiered platform in front of the house and garage, which serve as parking and pathways and entertainment areas. Right: A tiered planter (D) sits on a paved terrace between the garage and the house across a narrow terrace (E). RIGHT: A barrier between the driveway and the parking area has a less formal feel with a ground cover path and a carpet of groundcover (F). TOP: RIGHT: A triangle of shrubs—spotted deer atlas pine, a weeping purple European beech (*Fagus sylvatica 'Purpurea'*) near the door, and a Prithiiberg weeping himalayan spruce—frames the view from the garage to the far side of the house (G).



the plan

Winters over, and because she's a self-taught gardener, Schenck worked with her let a nearby nursery and landscaped mature plants. Using these elements as her backbone, she added layers of color, textures and architectural elements, creating a lush, organic-style of garden with something to see in all four seasons.



COURTESY: BARB SCHENCK



BRIGHT is the largest early-explosives production site in a long-standing sequence of rock art sites left by Native Americans for their individual or collective use. It features numerous petroglyphs, including some that appear to be hunting scenes, creating an impressive focal point. The site is situated here, as do other stone ground-sites, such as Agave. In great style and planted in lawns, the grounds feature several plants and designed flowerbeds including lavender and larkspur. Final products included a Great Circle juniper-carved circle, a spectroscopic telescope, fitted with purple lenses, and a granite Millstone.

the rocky areas for planting. Bush tracked in top soil, lots of it, up to 2 feet deep in some places, to ensure that plants had enough room to put down roots. "A strong root system helps keep a plant healthy, and healthy plants don't need fertilizer ever," she says.

Flanking the front and side entry doors are shrubs that highlight the house's architecture, including dogwood, Japanese maple, and columnar juniper. In the beds below, a mix of flowering and evergreen perennials and low shrubs provide cover and between the large borders. "I'm blessed to have private texture," she says. "I wanted a canopy effect on these beds, so to do that I look around a variety of low-growing plants," she says. "More of the perennial plants in my borders are 2 feet and under in height, which gives an open feel and makes maintenance easier."

As the seasons change, so does this area; the maple turns gold or orange in fall, and late-season flowers like asters and chrysanthemums come into bloom. In winter, when temperatures often fall into the teens, hardy evergreens—hemlock, juniper, pine—keep the color going. When spring



LEFT: The border of the back of the house is all about foliage: salal/verbena & hostas with variegated hostas. Fine leafed artemesia and a smoky purple-leaved aster.
RIGHT (right corner): Stone and crushed bluestone. "For a rock garden behind a wall, a kokedama should be buried in the ground," says Bartschi.
TOP: Black Japanese blood grass, haworthia, and treated sage leaves (variegated in shades of purple and red) [1]



rolls inward, flowering bulbs and roses dot the borders, blooming in shades of pink and white. There's no front lawn to mow, but it's not unused.

Things were less simple in the north-facing boulders. Barth's big challenge there was figuring out what to do with the knoll, a 25- by 15-foot oval of almost solid rock that drops off into a ravine. The little soil in his bed was thin and stony. Few plants can handle such dry, uncompromising conditions, but Barth decided to choose a *Tulipa*. In its particularly inhospitable area, she stopped digging, dug up another and put an *erythronium* and a bluebell (scilla) in a large pot, with two empty vessels nearby in reserve. Most of those plants go dormant in winter, except for the whimsical tulipanum variety and claudia, which look bushy when it rains, despite their names.

Surrounding the lawn, Barb added a small stretch of lawns and ranged that with a deep perennial border filled with easy-care plants, including purple coneflower, coreopsis, butterfly, lavender, and daylily. "In an 8-foot-deep border, I start a front with low groundcovers, then 12- to 18-inch plants in



the middle, and then plants in the 2- to 2½-foot range at the back," she says.

Near the back door leading to the tool, herb, and bird-filled greenhouse and other provisions chosen for their distinctive leaf colors, "I place a high priority on beautiful foliage," she says. "Flowers come and go, but foliage lasts." When it comes to choosing flowering plants, however, she strives every year to find the color wheel. "I don't make a color scheme for flowers; I pick any color I like. No flower color looks bad against another—the green in the garden satisfies all." That said, she plans in sweeps of color and repeats those plants to lead the eye around the garden. "Fortunately for Barb, eastern Washington's one monsoon climate of hot summers, cold winters, and low humidity means the sun grows "just about anything, from carrots to rhododendrons."

At least 20 large pots stand like ornate inclusion points throughout the garden and on the stone steps, planted with everything from perennials to a 6-foot-tall Sanger's weeping banister. "Once a pot is planted, I don't want to move it in and out for the winter," says Barb. "It stays where it is." The thick walls of the glass Victorian conservatory used to hold up just fine here, despite temperatures that dip down into the teens in winter.

In spring, Barb happily devotes entire days to pruning, dividing, and planting. But once summer's heat arrives, with daytime temperatures in the 90s, she spends as little as 4 hours a week pulling weeds over, checking the irrigation systems—Spokane gets just 18 inches of rain each year—and digging back straggly annuals.

When everything's so abundant, how do you keep the garden from taking over your life? Summer planning chores keep her to-do list short. "Gardens are both works of art and hardworking living spaces," Barb says. Every plant must earn its right to be there. The great dividers grow into one another, focusing a gaze that roams our world. Many of the plants are self-clearing—spent blossoms drop off on their own, no deadheading required. Dwarf evergreens grow slowly, needing only occasional pruning, which can be done on scaffolding instead of a ladder. Plants that struggle are given the heave-ho.

And that's not all—she doesn't mind meticulous maintenance. In the fall, Barb lets the gardens grow a bit wild, savoring the oranges and reds of the Japanese maples and dogwoods and the seed heads of ornamental grasses. Unless told otherwise, a window for pruning, winter provides a break from physical chores and an opportunity to evaluate the garden's structure and consider how to improve its look. Then when the evergreens and twigged dogwood, and other trees and shrubs with interesting bark enter their sleep.

With the hours gained by adhering to low-maintenance planting, how does Barb spend the extra time? She loves to walk through the garden on summer evenings, coffee cup in hand. Occasionally she indulges the urge to pull a weed or two—but she doesn't make a habit of it. ■



THREE PAGES
Containers play a large role in this garden, and Barb is not afraid to supersize them. "Most plants grow better in large pots," she says. "Start at 24, 36, 48, 60 inches wide, and half-brick pots, especially if you live in a dry climate."

HAVE A LOVELY YARD!

Want to learn more about Barb's techniques? Visit www.landscaping.com and search for "Barb's Garden".

Photo: Michael G. Smith



OPPOSITE: Orange and red begonias paired with blue hydrangeas and white Nancy tenuksii calyndrospica spicata on the back patio (LEFT). A grapevine trained flat with coiled and looped branches makes a turn in the path (TOP LEFT). At the back door, Barb added a trim of tall petunias to enhance the soffit effect of the windows and doors. Once in bloom, the flowers hold their own weight. **THIS PAGE:** Pruned clematis (left) and the others hold their own weight. **Opposite:** Powder blue foliage and dwarf, compact habit. Full sun. Grows up to 20 feet tall and 7 feet wide. Zones 3–9.

'Pendula Bimini' weeping Serbian spruce (*Picea omorika*; *Pendula Bimini*



all-year color

"Gardens should draw you outdoors at all times of the year," says landscape architect Barb Sofrenek. Here are some of her favorite shrubs for seasonal interest.

Spring

'Prairie' crabapple (*Malus 'Prairifire'*) Notably scrub-resistant; purple foliage, red pink flowers, darkened fruit. Full sun. Grows up to 20 feet tall and wide. Zones 3–8.

'Leonard Messel' magnolia (*Magnolia × loebneri 'Leonard Messel'*) Fragrant white flowers in early spring. Full sun to partial shade. Grows up to 23 feet tall and wide. Zones 5–9.

Summer

'Hakuro Nishiki' dissected willow (*Salix dissecta*; *'Hakuro Nishiki'*) Spring's pink foliage turns rose, creamy white, and green. Full sun. Grows up to 35 feet tall and wide. Zones 3–7.

'Wolf Eyes' Japanese dogwood (*Cornus kousa*; *'Wolf Eyes'*) Variegated foliage and large white flowers followed by red berries. Partial sun. Grows up to 20 feet tall and wide. Zones 3–8.

Autumn

'Grand' Japanese larch (*Larix kaempferi*; *'Grand'*) In fall, needles turn from blue-green to butter yellow. Partial to full sun. Grows up to 20 feet tall and 7 feet wide. Zones 4–8.

'Tiger Eyes' sumac (*Rhus typhina*; *'Tiger Eyes'*) Bark has tiger stripes. Luminous foliage and intense fall color, can be invasive. Full sun to partial shade. Grows up to 10 feet high and wide. Zones 4–8.

Winter

'Van Peff's Blue' cypress (*Chamaecyparis lawsoniana*; *'Van Peff's Blue'*) Powder blue foliage and dwarf, compact habit. Full sun. Grows up to 20 feet tall and 7 feet wide. Zones 3–9.

'Pendula Bimini' weeping Serbian spruce (*Picea omorika*; *Pendula Bimini*) Narrow and columnar, with two-toned foliage. Full sun. Grows up to 8 feet tall and 2 feet wide. Zones 4–7.

Do-it-yourself
experts

What tools and parts should a homeowner include in a basic plumbing kit?

—DEPARTMENT HOMESTEAD, PA.



Richard Trethewey says a homeowner needs only a few basic tools to tackle most plumbing projects.

RICHARD TRETHEWEY REPLIES: Believe it or not, you don't need that many specialized tools to tackle most plumbing projects around the house. Here's a list to get you started:

- Tubing cutter:** Essential for making smooth, straight cuts in copper pipe. Although a miter saw can cut for pipes in right locations.

- Water pump pliers (i.e., Channellock):** Perfect for gripping smooth-walled pipes—but keep them several inches away from the nuts. You should have two sets, at least.

- Adjustable wrench:** The only tool for tightening hex nuts. Get two, the bigger the pipe capacity; the better. **Blade wrench:** Allows you to reach into the tight spots under sinks. **14-inch pipe wrench:** It's strong enough to bridge, thus can usually change its mind.

- Closet auger and plunger:** The go-to tools when a toilet clogs.

- Your kit also needs these general-purpose tools:

- Screwdriver:** A four-way with flathead and Phillips bits, a socket one with interchangeable bits, and a likely 12-inch shafted.
- Needle-nose pliers:** For working in tight spaces or on a valve.

- Hacksaw:** Handy for cutting through plastic drainpipe and nested metal. **Locking pliers:** Useful when you need a third "hand" to grip something. **Hammer:** For tapping stuck gate valves and dislodging ring clamps to loosen them.

Tape measure: For fitting pipe

Tools in these materials, too:
Plumber's tape and pipe dope: To seal threaded joints
PVC cleaner: To join white drainpipe; (black ABS pipe takes different solvent)
Penetrating lubricant (a.k.a., WD-40): To loosen rusted nuts.

No-solder fittings (sharkbites.com): To eliminate the need for soldering tools or skills on simple jobs.
Cloth caps and latex gloves: To help keep everything clean.

To watch a video of Richard demonstrating how to use his plumbing tools, including a closet auger, go to thisoldhouse.com/video/2115.

Swing time

I have several doors in my house that swing open or closed by themselves. How can I make them stay put?

—SAMMY GAMACHE, CLOVIS, NEW MEXICO

ROGER COOK REPLIED: The problem with your doors is that the hinges are not plumb. Even a slight misalignment can make them misbehave in this way.

To see why, hold a binderweight book upright with one hand, leaving the corners free to move. Now watch what happens when you tilt the spine. The cover swings

In the direction of the tilt

You could try to realign the hinges, but that's an easier fix. Rip out one or two of the hinge pins, lay them on concrete, and let the center of each shaft drift a bit more. Then should bend the pins enough to put some tension on the hinge knuckles after you put the pins back in. Opening and closing your doors may require a bit more effort, but they won't be swinging on their own.

Poisoned soil?

I'd like to plant a vegetable garden in the backyard, but if lead paint from our 1895-house has contaminated the soil, I'm worried about the potential effect on my children. What can I do?

—CAROLYN, MOULTRIE, GA.



HOW TO BUILD A STONE PLANTER



Photo: Matthew Laike

Do guests tend to pass right by your driveway? Install a stepped stone planter at the entrance to create an unforgettable centerpiece, as well as a natural spot to add a pop of color with plantings or the welcoming light of a lamp post.

We want to choose blocks meant for freestanding and retaining walls, not walkway pavers. Using blocks of various lengths allows for a natural-looking, randomized pattern. To create a dry-stacked look and give the structure strength, stagger the joints on each course.

You'll find all the tools and supplies necessary for this—and any—home project at The Home Depot nearest you.

For step-by-step instructions, go to thisoldhouse.com/project

What
is it?

- ➊ Pipe plug
- ➋ In-ground sprinkler head
- ➌ Storage container for paintbrushes
- ➍ Screw holder



PHOTO COURTESY OF THE HOME DEPOT

What
is it?


Screw holder
 The West Screw Holder's
 adjustable wings put a screw
 bit straight or angled and
 allow you to drive one
 hand-tight. Set of three.
 \$19. HomeDepot.com

If the soil test does show a high lead level, I'd recommend that you build a raised-bed garden in a sunny location away from the house's foundation, where paint chips tend to accumulate. Fill the bed with uncompromised, compost-rich soil. Then, before eating your harvest, make sure to peel root vegetables, remove the outer leaves of leafy veggies, and thoroughly wash everything—culding your hands.

I'd also recommend that you regularly add copper to your soil to reduce the pH levels of the soil around your house. Soil with an organic content of 3 to 5 percent and a pH of 6.5 to 7 will effectively neutralize the lead.

Noises off

Please advise me on the best way to soundproof my first-floor ceiling.

to eliminate noise from the
second floor, where I'm planning
to install hardwood.

—STEVE CHAN, FISHKIN-MADISON, NY

TOM SILVER REPLIED: I don't like the term "soundproof" because it's next to impossible to completely stop sound from traveling through the structure of a house, especially ceilings. But there are ways to dampen sounds and make them less noticeable.

The easiest and least expensive way for

GIVE ANSWERS?

 If you have a question about home improvement, send it to us. This phone gives you a chance to ask us anything you want to know about home improvement. You can also email us at asktohd@comcast.net.

you to do that would be to install wall-to-wall carpeting upstairs instead of hardwood flooring. Carpeting is much heavier than hardwood at absorbing impact sounds, such as those caused by walking, and airborne sounds, like those made by talking. You'll get the best results from a high-pile-weight wool rug and a dense sponge-rubber pad. A layer of Sound Insulation panels (foamcore) cast under the pad will make the floor even quieter; if your drywains are accomodating, the extra thickness.

But if you're set on having a hard wood floor upstairs, you'll have to isolate it from the subfloor and the surrounding walls. A sound-dampening rubber underlayment, such as Scrunch Mat (soundproofing company), will bring down vibrations that travel through the joists.

Floating engineered-wood flooring

can be installed right over this east. Solid-wood flooring has to be nailed to a layer of plywood or oriented-strand board (OSB) placed on top of the east. Without that extra layer, the nails would become conductors for noise transfer. To keep sound from reaching the studs, make sure the flooring doesn't touch the walls or the baseboard trim, and use an acoustical sealant on any gaps.

If the noise upstairs still bothers you, there's one more step you can take: Rip out the ceiling and install more sound-dampening materials. Start by filling the joist bays with acoustic mineral-wool panels, such as Ruck's Safe 'n' Sound (roxul.com). Next, attach sound-polish panels (acoustic-silicate) cast to every other joist. Snap lengths of metal spring channels—otherwise called hat channel because of its pork-pe profile—onto these clips so that

the channel runs perpendicular to the joists. From the channel, hang acoustical drywall, such as QuietRock (quietrock.com), a stack of drywall panels held together by acoustic, vibration-dampening polymer. As with the flooring, keep the drywall ceiling from touching the walls and fill that joint with an acoustical sealant.

Ask THIS OLD HOUSE

Go to thisoldhouse.com/asktohd

Or write to: Ask This Old House

The Old House magazine

135 West 58th Street

New York, NY 10020

Include a complete address and daytime phone number. Paid advertisements will not accept for money and length and may not contain editorial content. Please include a self-addressed envelope with postage for the return of your inquiry. Due to the volume of mail received, we are unable to reply to individual questions.

It's here.
Smarter Home Security:
 24/7 Protection. Exceptional Savings. No Annual Contracts.

For 100 years the alarm industry has been scaring customers into long-term contracts at highway robbery prices.

We believe being safe should be simple. SimpliSafe home security systems are easy to self-install, easy to purchase direct from us online, and don't require a contract or a telephone line. They are also wireless, cellular, and customizable.



 **SimpliSafe**

66 Protecting your family is important, but don't ever sign a contract. Do it the right way with SimpliSafe

Dave Ramsey, financial expert & New York Times bestselling author of "Financial Peace"

Get your 10% off coupon →

 SimpliSafe.com/TOH



You've put your
HEART
 and **SOUL**
 into restoring your home.

**ADDING AIR CONDITIONING DOESN'T
 MEAN YOU HAVE TO TEAR IT APART.**

Trust us, more than 250,000 homes in the Unico System® use their air handling units to heat and cool their homes, while the small Unico ducts simply slouch across, above, floors or through wall cavities. And by eliminating the need for unsightly vent documents, the Unico System provides sleek, duct-free comfort that fits beautifully with your home's aesthetics.

To learn more about adding the Unico System to your home, call (866) 527-8866 or visit unicosystems.com today!

The Unico System™

UNICOSYSTEM.COM (866) 527-8866



**Home
TOP
editors'
picks**

More great stuff

Of the many tools, materials, and other products that we discover, here are three readers' standouts — editors' picks.



Fast repairs with light

Bonk! Liquid plastic welder. Use the special resin in this pen to fill countersinks that crack electrical housings, or damage power cords that cut the ground wire. The pen's UV light cures it almost instantaneously. \$25. tinyurl.com/bonk



Put your phone to work

Phone Works never level. Mounts to your smartphone to turn it into a friendly two-in-one laser level. The phone's screen shows when the beams are level and plants or lets you set a custom angle (about 1°). It's one of eight phone apps breaking tools in the Phone Works line. \$40. tinyurl.com/phone-works

Squeeze 'n' shoot

Staple & Roll Gun. Improved air-spring geometry delivers far more power than standard guns, with no extra effort. The gun fully cycles T50 staples and 1/8-inch #10 gauge nails, even at an angle in oriented strand board (OSB). Comes with a staple remover and a wrist strap that shows how many staples remain in the magazine. \$30. tinyurl.com/staple-roll



Photo © Michael C. Johnson / Corbis

Collapsible workstation

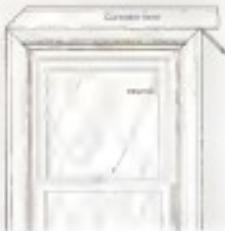
Centipede workstation. Unlike like a camp chair, it creates a stable, customized 4' x 4' foot work surface that supports up to 1,500 pounds yet fits into a 9 by 36-inch bag and weighs only 11.6 pounds. Comes with fold-down arms and a access (shelves). Also available in a 4 by 8-foot model. \$90. centipedeworkstation.com



Norm's tricks of the trade

When I'm installing window trim, my miter cuts are always just a little off. What am I doing wrong?

—CHRIS DODD, CHANDLER, ARIZ.



A Assuming that your saw is cutting accurate miter cuts (by pulling away your tape measure and watching your tails of the miter), start with the side trim. Hold them against the vertical reveal miter, mark and cut each piece where its inside edge crosses the reveal for the head casing, and nail them both to the window frame. However, instead of the head casing and side casings, start with the middle miter, and apply marks to the second miter, as shown, and cut the cut. If the window is square and the cut fits, the head casing should fit perfectly every time.

Old World Charm That Complements Any Kitchen



Adorned with copper, brass, nickel or chrome, each custom-built Elmira Stove Works appliance is true to its era, while offering the performance and efficiency found in the most modern kitchen appliances. Models available in gas, electric, coil heat or wood-burning.

Let us build one for you.

Elmira Stove Works

For true originals.

ElmiraStoveWorks.com
1-800-295-8498

TANDES • WALL OVENS
REFRIGERATORS • MICROWAVES
CLOTHESPRESSES

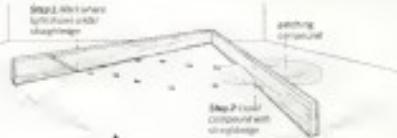


Photo © Michael C. Johnson / Corbis

Q How do I fix the uneven concrete floor in my basement before putting down engineered flooring?

—CHRISTIAN BOYD, BETHEL, CONN.

A To find out just what's off the-deck in your floor, you need a straight board at least 8 feet long and a pencil. Set the board end-over-end across the floor, marking on either side where low spots where daylight shows underneath. This marks will trace the undulations of the trip, which you can fill with concrete, paving compound and levelling screeds.

Cool and portable
PowerShuttle folding worklight. Six 130-lumen LED lights away the darkness without the heat it would normally generate. Plus looks and such into the three built-in incandescent lights as you work. When you're done, wrap the cord onto the back and fold up the stand to create a compact, protective case. \$60. tinyurl.com/powershuttle



Directory

MAY 2023

HOME SOLUTIONS (ca. 15-20) Budgets für
Haushalte & Mietwohnungen mit

BEFORE + AFTER KEYHOLE: Bright and open, 100-125+ square feet. J.A.S. DesignBuild
Suite 100, 9000 Prairie City Rd., Webster,
Ia. 50595. www.webster.com
BEFORE + AFTER: Bright and open, 100-125+ square feet. J.A.S. DesignBuild
Suite 100, 9000 Prairie City Rd., Webster,
Ia. 50595. www.webster.com

BEFORE + AFTER BATH Long-on-Lake (cont'd.)
Architect: Lauren Williams Architects
Cheshire, MD longonlakeinteriorarchitect.com
Designer: Jan Sauer Interior Design 33 Lanes MD
principal: Jan Sauer General contractor: 20 Investments
Mudman Construction Group, St. Louis, MO
mudmanconstruction.com mudmanconstruction.com
St. Louis, MO mudmanconstruction.com
Phone: 314-947-0700 mudmanconstruction.com
Mobile: 314-947-0700 mudmanconstruction.com

РАЗДЕЛ 198.02 Technical standards
на 400 Джинсовые разные Юни Сант

PHOTOGRAPH BY Fredrik Sahl for Inhabitat
STYLING Brian McCarthy, Bennett
Frank McCarthy Architects, Silver Spring, MD
bennettfrank.com

ROOM #7 THE TOP-026 10-02-1984
Oshes Moore, Moose Creekfords, P.O. Falls Church
NA - 788 SSB 1382, Guelphton, ON N0B 1C0
Falls Church, VA 200-705-4800, Fax/Email
and windows, little-kidz.com, Sunbeam
net appwebpage.com, internet access provider
com, Websters, Shawnecks, range hooded and
oven, and microwave, thermador.com
disk legend, genies.com, Encarta and sink,
interhome.com, Bathrooms, Teflon kitchenware.com
Teflon, amazement.com, **disk**
pewter-on.com,

20 BUDGET BATH UPDATES
By RTD Admin announced: 10/08
Designer: Kelli Shuler Interiors/Bethany Shuler Interiors by Kelli Shuler/Schaefer's, vinyl plank flooring, 20x30, walk-in shower, tile surround, Soildor Hammered Corian Countertop, Pella windows, Pella doors, built-in, kitchenware, Gil Philadelphia, Pa., designer: Kelli Shuler Interiors/Bethany Shuler Interiors by Kelli Shuler/Schaefer's
Designer: Leslie McDonald Design Services LLC, 20x30, pedestal sink, Valspar Kitchen & Bath
Designer: Paragon Greenway, SC

FOUR SEASON STEAK 609-88-1925 • www.fourseasonsteak.com

Visa, Inc. and Visa Worldwide Ventures do not endorse any products or services mentioned herein, and are not affiliated with the companies mentioned.

SHOP AT OUR HOUSE! VISIT [WWW.7-ELEVEN.COM](#) OR CALL 1-800-7-ELEVENS TO HELP YOU GET YOUR JET DONE.

www.mathworks.com

卷之三

◎ 摘要：THE PITCH POINT

THE JOURNAL OF CLIMATE VOL. 14, NO. 10

212-229-7172 RESOURCES

DR® Rapid-Feed Chipper

chop dense branches up to 5" thick!

• Overhead, vertical hopper self feeds wood, branches or logs wet or dry and sponge

• Self-charging for easily chopping chips into a truck, trailer, or into the woods

• 10X faster than ordinary chippers thanks to powerful engines and unique energy boosting hydraulic system

www.DRchipper.com • 1-800-338-1111

FREE SHIPPING • 12 MONTHS VISA

A black pickup truck is shown from a side-front angle, parked on a dark surface. The truck's bed is lined with a dark, textured WeatherTech floor liner. The background is dark and out of focus.

Keep Your Shop Vacuum Filter Clean!

Saves you ~~money~~ on having to replace your filters.



Deluxe Dust Deputy

- Premium design keeps 95% of the dust from reaching your vacuum filter
- Vacuum doesn't lose suction.
- Reusable for any shop vacuum.
- Easy to empty dust basket.
- Not oil dry.

"Every time I've used this it's been a success. It's a great product. I've had other filters, but in my opinion, the Dust Deputy is exceeded my expectations! Thanks for producing such an awesome product!" - D. Borden

Get a free filter with every purchase.

ACE
WOODKRAFT
MINARD'S

Vac Pkg Included

Save up to **50%** Based on
replacing filters

envi

economical. safe. simple.



Change saving
from dirt to dirt to savings per month*

Ultra-safe
Interchangeable with most shop vacs

Healthier
Filters clean faster than dry filters

Airtight
Dust-free connections prevent valuable dust from逸出

Easy to install
Filters are reusable, so there's no need to purchase and pay for new filters.

Small size
Compact design makes cleaning easier & lighter

Easy to clean
Filters are removable, so they're easy to clean and reuse.

Up to 50%
Saves you money on replacing filters

The image is a collage of four distinct magazine advertisements arranged side-by-side. The top-left ad for 'Shelves To Slide' features a grid of shelves and a phone number. The top-right ad for 'Reebie-Kitchens' shows a kitchen cabinet with a decorative overlay and a phone number. The bottom-left ad for 'Mad Mats' displays a white rocking chair on a brown patterned rug with a circular logo. The bottom-right ad for 'Drylok' features a man standing next to a wall with large containers of the product.

Grind Away ANY Size Stump FAST!



The DRY STUMP GRINDER uses carbide-tipped cutting teeth, working 360 "Bite" per second to reduce any stump to a pile of woodchips. Grinds stumps below ground level so they are gone forever!

- Quickly eliminate any volume without digging, burning or chemicals
- More powerful and lower gas cost model
- More versatile with grinding, mulching or ATW

FREE SHIPPING & 30 DAY TRIAL!

Call for FREE DVD and Catalog!

TOLL-FREE

877-201-7779
DRstumpgrinder.com



ATLANTIS® RAIL SYSTEMS

800-541-6829
www.AtlantisRail.com

Big Rock Lumber partners with the largest local lumber yards in the area to offer you one of "Biggest Deals" of the year! Call now for your free quote and see how much you can save!

Big Rock's "Biggest Deal" Sale
800-541-6829
www.BigRockLumber.com

770-969-5857

Underbed Dressers

Put Up to 24 Drawers Under Your Beds
ultimatebed.com

The Original Trimmer-on-Wheels Just Got BETTER!



NEW LOW PRICE!

Today Only!
Save \$100!

- Three, motorized wheels hold grass and debris
- Cuts lawns, shrubs up to 1" thick with electric or gasoline
- Thinnest, longest lasting cord available anywhere (\$20 less than others*)

FREE SHIPPING & 30 DAY TRIAL!

Call for FREE DVD and Catalog!

TOLL-FREE

877-201-7779
DRtrimmers.com



Basement Waterproofing
Do-it-yourself! It's Easy!

Fast Delivery! Order Online or Phone now!
All-in-one kit. All you need is a Drill and a Drill Bit.
Ideal for concrete, brick, stone, and block walls.

waterproof.com

Order Today! No Tools!
Only \$24.95

Order Online:
Waterproof.com
(800) 744-2990

Duck Brand® Duct Tape
MADE IN USA

DUCK TAPE
Original Strength
MADE IN USA

STRONG • STICKY • WATERPROOF

Trust Duck® brand duct tape to deliver the quality and strength needed for every project.

InSoFast

H-6 B and R-60 Insulation Panels
insulat.info/toll-free 1-800-931-7922

Always in Style



Fine Reproduction Hardware & Lighting
www.HOAH.biz

HOUSE OF ANTIQUE HARDWARE

Simple!
Nail, Screw or Glue



Press in Place



Fasten Drywall



AMERICAN CLASSIC

The Legendary 1904-O Morgan Silver Dollar. Brilliant Uncirculated.

Endless in value.

**Be Glad You Waited
— Now Only \$59 —**

FREE Shipping with code 81422

In 1902, the 1904-O New Orleans Mint Morgan silver dollar was one of the three most expensive in the series. Most were issued based on \$750 and only a few thousand were known to exist in my collection. Then the collecting world was inundated when hundreds of bags of privately minted 1904-O dollars started showing during the time. These silver dollar mintage numbers are either 100 or 1000. Morgan silver coins will continue to rise in price. **1904-O Morgan Dollars only. Limit 2 per customer. NO CLOUDS TO FEE. NO MDV APPROVAL. CLOUDS SENT. 30 Day No-Risk Home Examination.**

International Coins & Currency
62 Edge Street Dept. M322, Manhattan NY 10012
1-800-451-4463 • www.iccinc.com/n522

Keeps Paint Out. Keeps Lines Sharp.

FrogTape® is the only painter's tape treated with PaintBlock® Technology. PaintBlock® forms a reseal-tamer that seals the edges of the tape, preventing paint bleed. Visit FrogTape.com to see PaintBlock in action, get painting tips and more!

FROGTAPE

GOOD HOUSEKEEPING

FrogTape.com

SuperPorch

3-in-1 Outdoor Room
Covered • Screened • Enclosed

No Painters! No Tools!

Many colors available to match existing decks and porches!

Exclusive EasySlide™ Track System:

- Sliding screen panels
- Sliding window panels
- All panels are sliding doors

FREE! Catalog & Painting Guide

SAVE 10% SAVINGS CODE 1934
www.gosuperporch.com
or call 866-557-1772

SCREEN DOORS & MORE!

Vineyard
Custom Wood Doors for Your Back Porch
Made from 100% Lumber
Paint like the pros do!

1-800-VINTAGE-DOORS.COM

Contact us today! 1-800-777-2881

The Perfect Storm!

Amesbury Interior Home Windows

- Keeps the dust and bugs of your existing windows
- Significantly reduces heating and cooling bills
- Eliminates 95% of unwanted noise from outside
- Insulates
- Custom fit
- Low energy use reduces your electric bill

100% Satisfaction Guaranteed!
Over 25 Million Satisfied Customers

Innerglass
Windows, Doors, & More
The Complete Home Upgrade

1-800-712-2877 • www.innerglass.com

HARBOR FREIGHT

QUALITY TOOLS AT RIDICULOUSLY LOW PRICES

SUPER COUPON

20% OFF

How Does Harbor Freight Sell GREAT QUALITY Tools at the LOWEST Prices?

We have invested millions of dollars in our state-of-the-art quality test labs and millions more in our factories, so our tools will go head-to-head with the top professional brands. And we can sell them for a fraction of the price because we cut out the middle man and pass the savings on to you. It's just that simple! Come visit one of our 320 Stores Nationwide!

WOW SUPER COUPON!

ALL PUMPS & JACKS

RAMP PUMP & 5 TON ALUMINUM RACING JACK
PITTSBURGH BRAND
1-800-447-4484
Weight: 50 lbs.
\$59.99
SAVE \$2.99

WOW SUPER COUPON!

20" X 4 GRAVEL TOOL CART
PITTSBURGH BRAND
1-800-447-4484
Weight: 100 lbs.
\$99.99
SAVE \$10.00

WOW SUPER COUPON!

2-1/2" INCH HAMMER DRILL
PITTSBURGH BRAND
1-800-447-4484
Weight: 10 lbs.
\$149.99
SAVE \$10.00

WOW SUPER COUPON!

350 LB. CAPACITY POLYURETHANE SWIVEL STOOL
PITTSBURGH BRAND
1-800-447-4484
Weight: 100 lbs.
\$9.99
SAVE 30%

WOW SUPER COUPON!

1700 PSI PORTABLE AIR COMPRESSOR
PITTSBURGH BRAND
1-800-447-4484
Weight: 40 lbs.
\$79.99
SAVE \$3.00

WOW SUPER COUPON!

1/4" TWIN ROTOR DRILL/DRIVER
PITTSBURGH BRAND
1-800-447-4484
Weight: 10 lbs.
\$19.99
SAVE \$2.00

WOW SUPER COUPON!

10' X 30' ZIP UP WOOD LADDER WITH REVERSIBLE HEAD
PITTSBURGH BRAND
1-800-447-4484
Weight: 100 lbs.
\$229.99
SAVE \$120

No Hassle Returns Policy
• Lifetime Warranty on most tools
• 800 Stores Nationwide
• HarborFreight.com 800-423-2567

SAVE THIS OLD HOUSE

PRICE \$1 (not for renovation)
LOCATION Cincinnati
CONTACT Jennifer Durkin
513.267.7799

THE HISTORY In the early 1900s, Cincinnati's South German district was a rapidly expanding manufacturing hub, which lured throngs of French and German immigrants to the area and start their new lives in America. Among them was John Koch, who ran a bakery downtown. Koch oversaw most of the brick and stone apartment lots in the area. In 1916, he built this two-story Colonial Revival on the land. Sixty years later he sold it to the Brinkley family, and three generations of Brinkleys lived in the house over the next 83 years. Now, after sitting vacant for several years, the house must be saved to make way for a public works project.

WHY SAVE?

The house has two-tone brickwork, decorative eaves, and a wood-frame stately with fish-scale shingles in the gable. The well-preserved interior features a two-story porch staircase, a original fireplace, and built-in original moldings and paneling.

WHAT IF THEY DON'T?

The house is in good condition, but the main bathroom is missing fixtures and could be left from its footprint if the building. The new owners will incur the cost of moving the house to a permanent foundation and setting a foundation. Hamilton County currently owns the house and is accepting proposals to relocate it, which must be done by August 1. While it's an expensive undertaking, the asking price can't be beat—and it's not everyday you have the chance to move a charming old house to the perfect spot.

—PAUL HOPKINS



AWARD WINNING
NOTABLE & AWARDED

Delta, the real estate marketplace, wants to see fine homes restored. As a Proud
Partnership Partner of Save This Old House, Delta is offering a \$10,000 incentive for the
best-of-the-best in historic renovations. Contact delta.com/save for details.
Visit delta.com/savethisoldhouse for more information.



Stately brick
Colonial
Revival for a buck!

When making by hand
means making a mess,
your hands could use a hand.

TOUCH & TECHNOLOGY



Touch is on. Touch is off. With Delta's Touch2O Technology, simply tap anywhere on the spout or handle of the faucet to start and stop the flow of water. Learn more about these innovative fixtures for your kitchens and bathrooms at deltafaucet.com/touch.

DELTA

www.deltafaucet.com



It's where

you'll make pancakes at 2 in the morning.

It's where you'll perform epic shower concerts.

It's where you'll tell her she's gonna be a sister.

It's where you'll long to be when you're anywhere else.

But first you have to find it...



Search millions of homes for sale and for rent
at zillow.com or on our family of apps.



Zillow®